

Twelfth Census of the United States

CENSUS BULLETIN.

No 98.

WASHINGTON, D. C.

September 28, 1901.

COTTON GINNING—CROP OF 1900.

Hon. WILLIAM R. MERRIAM,

Director of the Census.

SIR: I transmit herewith a report on the quantity of cotton ginned in the United States, of the crop of 1900, prepared under my direction by Mr. DANIEL C. ROPER, of South Carolina, expert special agent.

This is the second report of its kind prepared by the Census Office, the first, covering the cotton crop of 1899, having been published in bulletin form on March 5, 1901 (Census Bulletin No. 58). This second report was undertaken by your direction in accordance with my recommendation in the bulletin above referred to, and its success establishes definitely the feasibility of an annual report of the cotton crop through the agency of the ginners, which must hereafter be recognized as the most direct, complete, and satisfactory method of obtaining these statistics. It will be possible through this agency to collect and publish complete statistics of the cotton crop of the year 1901 as early as the month of May or June, 1902, which will be from two to three months earlier than these statistics have ever been gathered through the agencies heretofore adopted. It ought to be possible, in time, to advance still further the date of their publication, as the ginning season practically ends in January. Early and accurate knowledge of the volume of the annual cotton crop is of the utmost importance commercially, and the cost of the inquiry is small in comparison with the value of the results.

Mr. Roper's first bulletin satisfactorily determined the trustworthiness of the ginners' reports as to the volume of the cotton crop. The returns for this first report were gathered very largely by the enumerators; it remained to be demonstrated whether it was possible to obtain similar reports through the use of the mails. The office has now demonstrated that this is a possible and satisfactory method of canvass. Every ginning establishment in the United States has been heard from, either directly or indirectly. Whenever there was failure on the part of the ginners to respond to the circulars of the Census Office, the cooperation of the local postmasters was secured, through the courtesy of Postmaster General Smith, and in this way the product of

every gin was obtained, or the fact ascertained that it had not been in operation for the crop of 1900. The Census Office now possesses a complete list of the cotton ginneries of the country, with the capacity of each as shown by the quantities of cotton handled; and it is able to keep this list in perfect condition by the elimination of abandoned establishments and the addition of new ginneries. The success of the inquiry is due mainly to the direct appeal made to the ginners by the Census Office, for individual cooperation in this work. They have been made to see that their own interests will be promoted by an annual official report of the cotton crop, upon the accuracy of which they can depend. From hundreds of them the Census Office has received the most flattering testimonials as to the value of its first report, and the great advantages which must accrue from a regular continuance of the collection of these statistics in this manner.

This second report, like the first, locates the cotton crop by states and territories, and distributes the same by counties. The statistics of the crops of 1899 and 1900 are presented in parallel columns in Table 6, thus enabling the reader to determine the exact localities where the crop has increased or decreased. The crop of 1900 is found to be 10,486,148 commercial bales (bales as marketed), equivalent to 10,123,027 bales of the average weight of 500 pounds, or to 5,061,513,294 pounds. This is an increase of 840,174 commercial bales over the crop of 1899. The most significant feature of the report is the extraordinary increase in the crop of the state of Texas, which has advanced from 2,658,555 commercial bales in 1899 to 3,536,506 in 1900, an increase of 33 per cent. Texas grew 34 per cent of the total crop of 1900, and one-fourth of the world's crop in that year.

The accompanying report concludes with a sketch of the mechanical progress in handling seed cotton.

Very respectfully,



Chief Statistician for Manufactures.

REPORT ON THE QUANTITY OF COTTON GINNED IN THE UNITED STATES (CROP OF 1900).

By DANIEL C. ROPER, *Expert Special Agent.*

Table 1 presents a summarized statement of the cotton crops of 1899 and 1900, as ascertained from the reports of ginners. In this table are shown by states the amount of

cotton ginned, the per cent which the state crop forms of the total crop, and the increase or decrease in the crop of 1900 as compared with that of 1899.

TABLE 1.—COMPARATIVE SUMMARY OF THE QUANTITY OF COTTON GINNED FROM THE CROPS OF 1900 AND 1899, WITH THE PERCENTAGE OF THE TOTAL CROP PRODUCED BY EACH STATE AND TERRITORY, TOGETHER WITH THE PER CENT OF INCREASE OR DECREASE.

STATES AND TERRITORIES.	Commercial bales (1900 crop).	Equivalent 500-pound bales (1900 crop).	Commercial bales (1899 crop).	Equivalent 500-pound bales (1899 crop).	INCREASE.		PER CENT OF TOTAL GINNED. ³	
					Equivalent 500-pound bales.	Per cent.	In 1900.	In 1899.
The United States-----	10,486,148	10,123,027	9,645,974	9,345,391	777,636	8.3	100.0	100.0
Alabama-----	1,061,678	1,023,802	1,103,690	1,078,519	154,717	¹ 5.1	10.1	11.5
Arkansas-----	828,820	812,954	719,453	705,583	107,401	15.2	8.0	7.6
Florida-----	55,096	48,616	56,821	49,359	743	¹ 1.5	0.5	0.5
Georgia-----	1,270,597	1,203,308	1,296,844	1,231,060	127,752	¹ 2.3	11.9	13.2
Indian Territory-----	288,114	249,935	160,924	143,608	106,327	74.0	2.5	1.6
Kansas-----	151	151	121	121	30	24.8	-----	-----
Kentucky-----	193	133	84	79	54	68.4	-----	-----
Louisiana-----	714,073	705,767	708,503	700,352	5,415	0.8	7.0	7.5
Mississippi-----	1,055,968	1,046,700	1,264,048	1,237,666	¹ 190,996	¹ 15.4	10.3	13.2
Missouri-----	27,980	27,871	19,377	20,275	7,596	37.5	0.3	0.2
North Carolina-----	509,341	477,269	473,155	440,400	36,869	8.4	4.7	4.7
Oklahoma-----	116,875	106,707	84,035	71,983	34,724	48.2	1.0	0.8
South Carolina-----	780,782	748,726	876,545	837,105	¹ 88,379	¹ 10.6	7.4	9.0
Tennessee ⁴ -----	227,601	221,619	215,175	211,641	9,978	4.7	2.2	2.3
Texas-----	3,536,506	3,438,386	2,658,555	2,609,018	829,368	31.8	34.0	27.9
Utah-----	31	-----	-----	-----	² 31	-----	-----	-----
Virginia-----	11,833	11,022	9,239	8,622	2,400	27.8	0.1	0.1

¹ Decrease.

² No report of cotton ginned in 1899.

³ Percentages calculated on basis of 500-pound bales.

⁴ Equivalent 500-pound bales (1900 crop) includes 10,000 pounds not baled.

As shown by this table, the cotton crop of 1900 exceeded that of 1899 by 840,174 commercial bales, equivalent to 777,636 bales of a 500-pound standard. This is an increase of 8.3 per cent. East of the Mississippi River, production decreased. Although the crop of 1899—5,094,451 bales—was generally regarded as short, that of 1900 was but 4,781,195, a decrease of 313,256. This loss was more than offset by the gains made in the region lying west and southwest of the Mississippi. Here the yield was 5,341,832 in 1900 as against 4,250,940 in 1899, an increase of 1,090,892 bales, or 25.7 per cent.

Texas is the ever-increasing marvel of the cotton belt. In 1899 the crop was 2,609,018 bales (500-pound standard);

that of 1900 was 3,438,386 bales, an increase of 829,368 bales. This increase is the more noteworthy when the great disaster resulting from the storm of September, 1900, is taken into consideration. In the 31 counties lying in the wake of this storm the production fell off from 491,236 bales in 1899, to 273,866 bales in 1900—a loss of 217,370 bales compared with the evidently short crop of 1899. It thus appears that in the remaining counties of Texas the actual increase was 1,046,728 bales. In 1900 Texas produced 34 per cent, or more than one-third, of the entire American cotton crop, and about one-fourth of all the cotton grown in the world.

TABLE 2.—QUANTITY OF COTTON GINNED, AVERAGE WEIGHT OF BALE, AND PERCENTAGE OF TOTAL CROP PRODUCED BY EACH STATE AND TERRITORY (CROP OF 1900).

STATES AND TERRITORIES.	Grand total gross weight in pounds.	Commercial bales.	Equivalent 500-pound bales.	UPLAND CROP.						SEA-ISLAND CROP.		
				Square bales.			Round bales.			Number of bales (square).	Total gross weight in pounds.	Average gross weight of bale (pounds).
				Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).			
The United States	5,061,513,294	10,486,148	10,123,027	9,629,762	4,825,411,668	501	768,092	202,038,914	263	88,294	34,037,152	385
Alabama	511,900,714	1,061,678	1,023,802	995,602	493,642,877	496	66,076	18,357,887	278			
Arkansas	406,491,933	828,820	812,984	773,247	391,577,816	506	55,573	14,914,117	268			
Florida	24,308,127	55,696	48,616	27,680	18,567,787	491				28,086	10,740,340	383
Georgia	601,664,189	1,270,597	1,208,303	1,191,125	574,081,802	482	27,393	7,161,599	261	52,079	20,411,288	392
Indian Territory	124,987,426	288,114	249,935	197,704	101,776,870	515	90,410	23,190,556	257			
Kansas	75,500	151	151	151	75,500	500						
Kentucky	66,500	133	133	133	66,500	500						
Louisiana	352,888,228	714,073	705,767	696,049	348,175,376	500	18,024	4,707,852	261			
Mississippi	523,350,037	1,055,968	1,046,700	1,018,090	512,384,575	503	37,378	10,965,462	289			
Missouri	18,935,257	27,980	27,871	25,712	13,822,897	518	2,268	612,360	270			
North Carolina	238,684,615	509,341	477,269	507,263	238,073,555	469	2,078	581,060	270			
Oklahoma	58,358,661	116,875	106,707	89,782	46,076,202	513	27,098	7,277,459	269			
South Carolina	374,362,722	780,782	748,726	770,767	371,010,698	481	1,866	466,500	250	8,149	2,885,521	354
Tennessee ¹	110,809,694	227,601	221,619	203,149	104,350,261	514	24,452	6,449,433	264			
Texas	1,719,198,601	8,536,506	8,438,386	8,121,525	1,611,818,412	516	414,981	107,374,679	259			
Utah ¹	15,560	31										
Virginia	5,511,040	11,833	11,022	11,833	5,511,040	466						

¹ Number of commercial bales does not include 10,000 pounds in Tennessee, and 15,560 pounds in Utah, not baled.

In the preparation of the tables of this bulletin, the following method has been employed: The number of pounds of cotton ginned by an establishment is obtained by multiplying the number of bales by the average bale weight reported by that establishment. The average bale weight for the United States, the state, or the county, is then obtained by dividing the total number of pounds by the total number of bales. The average weight of the square bale for the United States for the crop of 1900, as found by this method, is 501 pounds; that of the sea-island bale, 385 pounds; of the round bale, 263 pounds; and the general weight of an average bale for the entire country, 483 pounds.

As stated in the previous report on cotton ginning (Census Bulletin No. 58), the number of round bales ginned from the crop of 1899 was 505,464, exclusive of sea-island cotton; in 1900 the number was 768,092, an increase of 262,628 bales. Because of the introduction of the round-bale systems in some states, and the retention of the light square bale in others, the number of commercial bales (bales as reported by the ginners) does not credit the several states with their proper quota of the cotton crop. In view of this condition, while the number of commercial bales is given in each instance, the crop of every county, for each state, and for the United States, is given also in equivalent bales of a 500-pound standard. Where bales are mentioned in the comparative statements of this bulletin, it will be understood that this standard is employed. However, in stating the average plant capacity, given in Table 3, the commercial bale is employed as the unit.

TABLE 3.—NUMBER OF ACTIVE AND IDLE GINNORIES FOR CROP OF 1900, NUMBER ABANDONED SINCE GINNING SEASON OF THE CROP OF 1899, AND AVERAGE BALE CAPACITY OF ACTIVE ESTABLISHMENTS.

STATES AND TERRITORIES.	Total active for 1900 crop.	Total idle for 1900 crop.	Total out of business since 1899 crop.	Total reported.	Average bale capacity of active establishments.
United States	29,214	1,055	818	31,087	359
Alabama	4,044	145	158	4,347	263
Arkansas	2,578	77	98	2,753	321
Florida	246	10	8	264	226
Georgia	4,670	165	187	5,022	272
Indian Territory	301	5	2	308	987
Kansas	1			1	151
Kentucky	2			2	67
Louisiana	2,089	52	24	2,165	342
Mississippi	3,934	212	92	4,238	268
Missouri	66	1		67	424
North Carolina	2,659	84	42	2,785	192
Oklahoma	137	7	5	149	858
South Carolina	3,193	131	53	3,377	245
Tennessee	826	64	84	924	276
Texas	4,370	99	115	4,584	809
Utah	1			1	
Virginia	97	3		100	122

Table 3 shows the number of gineries, whether active, idle, or out of business, which have reported for the past season. There have been 1,055 establishments reported as idle, and 818 as having gone out of business since the close of the ginning season of the crop of 1899. Notwithstanding the stimulating effect on the industry of better prices for the product, consolidation in cotton ginning during the last season is noteworthy. For the crop of 1899 there were 29,620 active establishments; for that of 1900, 29,214. The average capacity per establishment,

as shown from the quantity of cotton handled, was 326 bales for 1899, and 359 bales for 1900, an increase of 10.1 per cent.

The total number of establishments reported as handling sea-island cotton exclusively, or upland and sea-island cotton simultaneously, is 531, and is distributed as follows: Florida, 116; Georgia, 351; and South Carolina, 64. The size of the ginning establishments in Texas and the territories, as compared with that of other states, is noteworthy. For example, the average capacity of establishments in Texas was 809 bales; in Indian Territory, 957 bales; and in Oklahoma, 853 bales; while in North Carolina and Georgia it was 192 and 272 bales, respectively. The scarcity of labor in Texas and the territories has had an important bearing on the introduction into those sections of modern systems of handling seed cotton. With 4,870 active ginners, or 15 per cent of the number reported for the United States, Texas has handled 34 per cent of the entire American crop of 1900, while Georgia, with 4,670 establishments, or 16 per cent of the entire number in the United States, handled only 11.9 per cent of the crop.

TABLE 4.—QUANTITY OF SEA-ISLAND COTTON GINNED IN THE UNITED STATES, CROPS OF 1899 AND 1900, BY STATES; THE DECREASE IN THE CROP OF 1900; THE NUMBER OF ESTABLISHMENTS HANDLING THIS COTTON, AND THEIR AVERAGE BALE CAPACITY; AND THE PER CENT OF THE TOTAL CROP GINNED BY EACH STATE.

STATE.	CROP.		Decrease in 1900 crop (bales).	Number of estab- lishments operated for crop of 1900.	Average bale ca- pacity per estab- lish- ment.	Per cent of total crop, 1900.
	1900. (Bales.)	1899. (Bales.)				
Total -----	88,294	97,279	8,985	531	166	100.0
Florida -----	28,066	31,238	3,172	116	242	31.8
Georgia -----	52,079	57,812	5,733	351	148	59.0
South Carolina -----	8,149	8,229	80	64	127	9.2

The 1900 sea-island crop is shown to have been 8,985 bales less than that of 1899. This loss is practically confined to Florida and Georgia, where losses of 3,172 and

5,733 bales, respectively, are reported. The county distribution, throughout the 3 states shown in the table, is practically as it was given for 1899, except in South Carolina, where it has been ascertained from the ginners that the growth and ginning of this long-staple cotton is almost entirely confined to the counties of Beaufort and Charleston.

The question is often asked by those unacquainted with the conditions regulating the growth of this staple, why more long cotton is not produced in the United States. The answer that the territory adapted to its culture is very limited and that its yield per acre is less than that of short cotton, is not entirely satisfactory when it is known that the producing capacity of the sea-island belt is not at present greatly taxed, and when the difference in the market prices of the long and short cottons is taken into consideration. Possibly the most satisfactory explanation of this condition is found in the fact that cotton growers have been reluctant to cultivate this cotton for the reason that no gin of the desired capacity has ever been invented for separating the lint from the seed without injuring the fiber.

The ancient roller-gin, which is now employed only for the treatment of sea-island cotton, has the disadvantage of lack of capacity. The best of these gins yield less than one-tenth of the quantity of lint cotton turned out by the saw-gin. On the other hand, the application of the saw gin to the treatment of sea-island cotton is not satisfactory, as it tends to break and otherwise injure the fiber, a matter of especial importance in the preparation of this staple for market. Much effort has recently been made to invent a gin which will overcome the objections mentioned and combine the advantages of both machines. There exists, at this time, some promise of thus revolutionizing the roller-gin, by greatly increasing its capacity without detriment to the product, and at the same time making it equally applicable to the treatment of all cottons. It is conceded that such an improvement would have important economic results in enhancing the value of all cotton treated by this machine, and inducing growers to plant sea-island and other superior varieties.

TABLE 5.—QUANTITY AND VALUE OF THE UPLAND AND SEA-ISLAND COTTON, QUANTITY AND VALUE OF SEED, AND TOTAL VALUE OF THE COTTON CROP OF 1900.

STATES AND TERRITORIES.	UPLAND COTTON.		SEA-ISLAND COTTON.		Total value of cotton.	COTTON SEED.		Grand total value of cotton crop.
	Quantity (pounds).	Value.	Quantity (pounds).	Value.		Quantity (tons).	Value.	
Total	14,796,248,574	\$430,163,544.00	34,037,152	\$6,766,638.18	\$136,930,182.18	4,830,280	\$77,284,480	\$514,214,662.18
Alabama	488,006,266	43,768,061.98			43,768,061.98	488,006	7,808,096	51,576,157.98
Arkansas	387,934,005	34,792,831.07			34,792,831.07	387,934	6,206,944	40,999,775.07
Florida	12,904,667	1,157,387.32	10,740,340	2,148,068.00	3,305,455.32	23,645	378,320	3,683,775.32
Georgia	562,655,901	49,566,326.12	20,411,288	3,878,144.72	53,444,470.84	573,067	9,169,072	62,613,542.84
Indian Territory	120,222,530	10,782,458.16			10,782,458.16	120,222	1,923,552	12,706,010.16
Kansas	71,876	6,446.38			6,446.38	71	1,136	7,582.38
Kentucky	63,308	5,677.94			5,677.94	63	1,008	6,685.94
Louisiana	336,178,052	30,150,969.04			30,150,969.04	336,178	5,378,848	35,529,817.04
Mississippi	498,915,877	44,746,517.72			44,746,517.72	498,915	7,982,640	52,729,157.72
Missouri	13,318,169	1,194,473.28			1,194,473.28	13,318	213,088	1,407,561.28
North Carolina	226,460,303	20,310,658.43			20,310,658.43	226,460	3,623,360	23,934,018.43
Oklahoma	51,198,893	4,591,900.72			4,591,900.72	51,198	819,168	5,411,068.72
South Carolina	352,978,790	31,657,785.23	2,885,524	740,425.46	32,398,210.69	355,864	5,693,824	38,082,084.69
Tennessee	105,934,118	9,500,966.21			9,500,966.21	105,934	1,694,944	11,195,910.21
Texas	1,644,163,211	147,460,887.99			147,460,887.99	1,644,163	26,306,608	173,767,495.99
Utah	15,560	1,395.54			1,395.54	15	240	1,635.54
Virginia	5,227,048	468,800.87			468,800.87	5,227	83,632	552,432.87

¹ Exclusive of the weight of bagging and ties.

Table 5 shows the value and quantity of upland and sea-island cottons, and of cotton seed. The values of the cotton and seed combined give the total value of the crop, which appears in the last column of the table.

In arriving at the results in this table, the following method has been employed: The value of the upland cotton is computed on the basis of the grade of middling, at its average price in the New York market for the year ending August 31, 1901. This price is \$.0896875 per pound. The value of the sea-island cotton is computed from the average price at which it was sold in the 3 states producing it. These prices¹ are \$.20 per pound for Florida, \$.19 for Georgia, and \$.2566 for South Carolina.

¹ The Census Office is indebted to Messrs. Latham, Alexander & Co., of New York city, for the average price of middling upland cotton in the New York market for the year ending August 31, 1901, and to the following sea-island cotton factors for valuable information as to the prices of this cotton in the 3 states producing it: Mr. R. M. Butler, of Savannah, Ga.; Mr. L. Gourdin Young, of Savannah, Ga.; and Messrs. Henry W. Frost & Co., of Charleston, S. C.

The quantity of seed produced has been determined by multiplying the number of pounds of lint cotton by 2, it being an authenticated fact that seed cotton on an average "thirds itself" at the gin. That is, one-third of the cotton's weight before it is ginned is lint cotton, and the remaining two-thirds seed. The value of the seed has been determined by multiplying the total quantity produced by the average price at which the portion marketed was purchased by the cotton-seed oil mills. This average price² is \$16.00 per ton of 2,000 pounds, delivered at the mills.

Table 6, pages 6 to 16, inclusive, shows the distribution of the cotton crop of 1900 by counties; for purposes of comparison a column has been added, giving the crop of 1899 in equivalent 500-pound bales.

² The price of cotton seed has been determined from information furnished by the Oil, Paint, and Drug Reporter, and the American Cotton Oil Company, as well as by various cotton-seed oil mills located in the several cotton states.

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES.

ALABAMA.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.		
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).				
The State	511,900,714	1,061,678	995,602	493,542,877	496	66,076	18,857,887	278	1,028,802	1,078,519		
Autauga	6,050,696	12,185	11,981	6,015,276	502	154	35,420	230	12,101	18,210		
Baldwin	153,201	301	301	153,201	509				306	511		
Barbour	14,057,747	29,141	27,649	13,657,232	494	1,492	400,515	268	28,115	32,503		
Bibb	2,733,324	5,340	5,340	2,733,324	512				5,467	5,515		
Blount	5,993,735	12,155	12,155	5,993,735	493				11,987	11,295		
Bullock	14,448,972	30,313	27,059	13,595,392	502	3,254	853,580	262	28,898	38,161		
Butler	8,412,269	19,518	13,544	6,841,107	505	5,974	1,571,162	263	16,824	18,278		
Calhoun	6,415,414	12,995	12,995	6,418,414	494				12,837	13,585		
Chambers	14,046,265	30,252	30,252	14,046,265	464				28,092	34,015		
Cherokee	6,729,988	14,115	14,115	6,729,988	477				13,460	14,072		
Chilton	6,014,789	12,003	12,003	6,014,789	501				12,030	10,085		
Choctaw	5,687,000	11,374	11,374	5,687,000	500				11,374	12,198		
Clarke	8,079,441	16,068	16,068	8,079,441	503				16,159	18,123		
Clay	5,687,330	11,874	11,874	5,687,330	479				11,375	10,301		
Cleburne	2,814,850	6,161	6,161	2,814,850	457				5,630	4,948		
Coffee	8,975,346	18,870	17,897	8,727,946	488	978	247,400	254	17,951	18,409		
Colbert	4,723,275	10,894	8,001	4,077,165	510	2,393	646,110	270	9,447	9,284		
Concuh	4,870,638	10,888	8,881	4,465,093	503	1,502	405,540	270	9,741	9,085		
Coosa	6,104,893	12,762	12,762	6,104,893	478				12,210	11,868		
Covington	2,241,750	4,949	4,244	2,051,400	483	705	190,350	270	4,484	6,110		
Crenshaw	8,905,615	18,241	17,473	8,698,255	498	768	207,360	270	17,811	17,953		
Culman	4,888,888	10,851	8,747	4,315,803	493	2,104	568,080	270	9,768	8,135		
Dale	7,521,122	15,702	15,702	7,521,122	479				15,042	16,070		
Dallas	21,104,000	42,208	42,208	21,104,000	500				42,208	43,503		
Dekalb	5,807,595	12,133	12,133	5,807,595	479				11,615	9,915		
Elmore	9,136,032	18,561	18,561	9,136,032	492				18,272	16,862		
Escambia	460,740	930	930	460,740	495				921	547		
Etowah	5,394,420	11,185	11,185	5,394,420	482				10,789	10,667		
Fayette	2,955,590	5,889	5,889	2,955,590	504				5,911	7,684		
Franklin	4,086,618	8,129	8,129	4,086,618	503				8,178	6,553		
Geneva	4,146,847	8,520	8,520	4,146,847	487				8,294	9,287		
Greene	6,810,128	14,118	13,891	6,750,438	486	227	59,690	268	18,620	20,664		
Hale	13,612,688	27,424	27,424	13,612,688	497				27,225	27,430		
Henry	12,029,971	25,510	23,105	11,380,621	493	2,405	619,350	270	24,360	26,068		
Jackson	3,548,397	7,009	7,009	3,548,397	506				7,097	5,166		
Jefferson	3,502,442	6,965	6,965	3,502,442	503				7,005	7,324		
Lamar	4,311,000	8,622	8,622	4,311,000	500				8,622	11,502		
Lauderdale	5,023,946	10,959	9,141	4,538,086	496	1,818	490,860	270	10,048	9,432		
Lawrence	7,435,933	16,092	12,762	6,586,833	512	3,830	899,100	270	14,872	13,814		
Lee	12,978,890	26,149	26,149	12,978,890	496				25,957	23,084		
Limestone	8,043,980	16,457	14,491	7,513,160	518	1,966	530,820	270	16,088	13,538		
Lowndes	16,927,105	36,023	30,534	15,447,575	506	5,489	1,479,530	270	33,854	36,478		
Macon	10,180,880	21,045	20,025	9,936,080	496	1,020	244,800	240	20,362	21,245		
Madison	9,452,975	20,255	15,923	8,108,030	509	4,332	1,344,945	310	18,906	15,824		
Marengo	15,478,388	32,460	28,170	14,320,088	508	4,290	1,158,300	270	30,957	32,911		
Marion	2,727,479	5,378	5,378	2,727,479	507				5,454	5,882		
Marshall	8,044,747	16,808	16,808	8,044,747	479				10,090	13,288		
Mobile	10,000	20	20	10,000	500				20	360		
Monroe	8,102,904	15,837	15,837	8,102,904	512				16,206	18,475		
Montgomery	20,358,253	47,002	32,750	16,606,543	507	14,252	3,751,710	263	40,717	41,188		
Morgan	6,232,484	12,822	9,200	4,659,759	506	3,622	1,572,725	434	12,465	10,870		
Perry	13,924,492	27,321	27,321	13,924,492	510				27,849	31,566		
Pickens	8,653,605	17,443	17,443	8,653,505	496				17,307	19,227		
Pike	13,375,210	27,888	25,673	12,936,250	508	1,710	441,960	258	26,756	34,927		
Randolph	8,454,558	17,943	17,943	8,454,558	471				16,909	16,868		
Russell	11,645,859	23,964	23,789	11,584,609	488	225	60,750	270	23,291	23,335		
St. Clair	5,015,641	10,128	10,128	5,015,641	495				10,031	9,408		
Shelby	4,767,825	9,510	9,510	4,767,825	501				9,535	11,604		
Sumter	10,362,838	20,475	20,475	10,362,838	506				20,726	22,892		
Talladega	11,006,856	22,501	22,501	11,006,856	489				22,014	24,478		
Tallapoosa	13,475,833	28,084	28,084	13,475,833	480				26,951	27,188		
Tuscaloosa	7,074,538	14,626	13,261	6,703,258	505	1,365	371,280	272	14,149	18,288		
Walker	2,295,820	4,520	4,520	2,295,820	508				4,592	5,200		
Washington	896,340	1,786	1,786	896,340	502				1,793	1,820		
Wilcox	15,973,004	32,154	31,448	15,796,504	502	706	176,500	250	31,946	34,725		
Winston	1,517,930	3,463	3,463	1,517,930	438				3,036	4,781		

ARKANSAS.

The State	406,491,933	828,820	773,247	391,577,810	506	55,573	14,914,117	268	812,984	705,583
Arkansas	3,698,611	7,207	7,207	3,698,611	513				7,387	8,057
Ashley	10,893,725	21,925	18,621	9,501,645	510	8,304	892,080	270	20,787	25,087
Baxter	1,224,724	2,393	1,224,274	512					2,448	1,922
Boone	324,550	629	629	324,550	516				649	587
Bradley	2,842,885	4,641	4,641	2,842,885	505				4,686	4,886
Calhoun	2,164,918	4,454	4,454	2,164,918	486				4,330	3,815
Chicot	12,123,709	24,363	24,294	12,105,167	498	69	18,630	270	24,247	23,859
Clark	7,771,162	15,352	15,352	7,771,162	506				15,542	10,375
Clay	8,091,040	6,988	4,826	2,519,387	522	2,162	571,653	264	6,182	4,739
Cleburne	2,348,245	4,608	4,603	2,348,245	509				4,696	3,830

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

ARKANSAS—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
Cleveland	3,420,030	6,978	6,978	3,420,030	490	-----	-----	-----	6,840	4,637
Columbia	11,336,853	23,139	23,139	11,336,853	490	-----	-----	-----	22,674	18,216
Conway	11,295,325	25,030	17,218	8,394,075	488	10,812	2,901,250	268	22,591	14,671
Craighead	2,993,645	5,833	5,833	2,993,645	513	-----	-----	-----	5,987	4,931
Crawford	8,496,273	16,484	16,484	8,496,273	515	-----	-----	-----	16,992	9,439
Crittenden	10,280,514	20,333	20,333	10,280,514	500	-----	-----	-----	20,561	22,773
Cross	2,366,680	4,687	4,687	2,366,680	504	-----	-----	-----	4,733	4,430
Dallas	2,850,476	5,738	5,738	2,850,476	496	-----	-----	-----	5,701	4,512
Desha	8,760,524	17,399	17,399	8,760,524	504	-----	-----	-----	17,521	19,196
Drew	8,904,795	18,128	17,846	8,695,005	501	777	209,790	271	17,810	14,955
Faulkner	9,054,336	18,013	17,325	8,882,336	513	688	172,000	250	18,109	15,909
Franklin	6,802,856	11,352	11,352	5,802,856	511	-----	-----	-----	11,606	8,097
Fulton	1,133,999	2,233	2,233	1,133,999	507	-----	-----	-----	2,268	1,863
Garland	650,846	1,303	1,303	650,846	499	-----	-----	-----	1,302	651
Grant	1,584,995	3,283	3,283	1,584,995	483	-----	-----	-----	3,170	2,495
Greene	2,871,300	5,670	5,670	2,871,300	506	-----	-----	-----	5,743	3,017
Hempstead	10,797,611	21,324	21,324	10,797,611	506	-----	-----	-----	21,595	16,459
Hot Spring	2,096,333	4,177	4,177	2,096,333	502	-----	-----	-----	4,193	3,615
Howard	5,232,189	10,346	10,346	5,232,189	506	-----	-----	-----	10,464	8,696
Independence	6,473,324	13,155	12,202	6,216,014	509	953	257,310	270	12,947	13,915
Izard	2,858,639	5,626	5,626	2,858,639	508	-----	-----	-----	5,717	4,859
Jackson	8,770,317	18,570	15,715	8,006,767	509	2,855	763,550	267	17,541	18,316
Jefferson	22,871,446	45,225	45,225	22,871,446	506	-----	-----	-----	45,748	43,820
Johnson	5,455,054	10,700	10,700	5,455,054	510	-----	-----	-----	10,910	7,001
Lafayette	4,818,512	9,521	9,521	4,818,512	506	-----	-----	-----	9,637	8,185
Lawrence	4,121,336	9,389	6,848	3,300,266	520	3,041	821,070	270	8,243	6,775
Lee	10,758,497	20,911	20,057	10,527,917	525	854	230,580	270	21,517	22,017
Lincoln	8,559,873	16,975	16,975	8,559,873	504	-----	-----	-----	17,120	16,029
Little River	7,494,477	14,997	14,997	7,494,477	500	-----	-----	-----	14,989	10,804
Logan	6,996,829	13,696	13,696	6,996,829	511	-----	-----	-----	13,991	9,272
Lonoke	14,173,860	34,004	20,585	10,550,730	513	13,419	3,623,130	270	28,348	28,172
Marion	1,223,573	2,386	2,386	1,223,573	513	-----	-----	-----	2,447	2,091
Miller	5,619,508	11,178	11,178	5,619,508	503	-----	-----	-----	11,239	9,158
Mississippi	10,133,973	19,865	19,721	10,098,549	512	1,14	35,424	246	20,268	20,566
Monroe	8,452,717	18,855	16,655	7,894,717	474	2,200	558,000	254	16,905	15,171
Montgomery	1,924,960	3,811	3,811	1,924,960	505	-----	-----	-----	3,850	2,857
Nevada	7,223,065	14,504	14,435	7,204,435	499	69	18,630	270	14,446	10,102
Newton	670,240	1,294	1,294	670,240	518	-----	-----	-----	1,340	578
Ouachita	4,163,348	8,361	8,361	4,163,348	498	-----	-----	-----	8,327	7,651
Perry	2,827,800	5,505	5,505	2,827,800	514	-----	-----	-----	5,656	5,549
Phillips	14,409,741	28,537	28,537	14,409,741	505	-----	-----	-----	28,819	33,560
Pike	8,203,809	6,295	6,295	8,203,809	509	-----	-----	-----	6,408	5,049
Poinsett	721,580	1,382	1,382	721,580	522	-----	-----	-----	1,443	2,844
Polk	848,350	1,670	1,670	848,350	508	-----	-----	-----	1,697	1,155
Pope	8,044,900	15,421	15,421	8,044,900	522	-----	-----	-----	16,090	11,290
Prairie	8,696,881	7,201	7,201	3,696,881	513	-----	-----	-----	7,394	6,962
Pulaski	11,995,232	24,109	24,109	11,995,232	498	-----	-----	-----	23,990	20,737
Randolph	2,409,959	4,949	4,251	2,221,499	523	698	188,460	270	4,820	3,035
St. Francis	6,389,764	18,444	11,274	5,783,864	513	2,170	585,900	270	12,739	15,202
Saline	2,604,970	5,170	5,170	2,604,970	504	-----	-----	-----	5,210	3,646
Scott	3,071,864	5,935	5,935	3,071,864	518	-----	-----	-----	6,144	8,491
Searcy	1,273,470	2,515	2,515	1,273,470	506	-----	-----	-----	2,517	1,517
Sebastian	4,886,446	9,329	9,329	4,886,446	518	-----	-----	-----	9,673	6,936
Sevier	4,098,393	8,094	8,094	4,098,393	506	-----	-----	-----	8,197	7,042
Sharp	1,580,516	3,117	3,117	1,580,516	507	-----	-----	-----	3,161	3,573
Stone	1,032,472	2,054	2,054	1,032,472	503	-----	-----	-----	2,065	2,027
Union	7,842,032	15,712	15,712	7,842,032	499	-----	-----	-----	15,684	12,300
Van Buren	1,801,575	3,478	3,478	1,801,575	518	-----	-----	-----	3,603	3,201
White	6,323,338	12,377	12,377	6,323,338	511	-----	-----	-----	12,647	11,495
Woodruff	9,091,455	21,980	12,216	6,455,205	528	9,764	2,636,280	270	18,183	16,155
Yell	10,256,026	20,518	18,924	9,505,646	518	1,594	430,380	270	20,472	12,299

FLORIDA.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			SEA-ISLAND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
The State	24,308,127	55,696	27,680	13,567,787	491	28,066	10,740,340	383	48,616	49,359
Alachua	2,855,470	6,070	-----	-----	-----	6,070	2,835,470	385	4,671	4,501
Baker	212,430	569	-----	-----	-----	569	212,430	373	425	741
Bradford	1,850,425	8,773	236	111,240	471	3,773	1,350,425	358	2,701	2,733
Calhoun	118,490	261	-----	-----	-----	26	7,250	290	287	191
Columbia	1,108,915	2,855	-----	-----	-----	2,855	1,108,915	388	2,218	8,509

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

FLORIDA—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			SEA-ISLAND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.		
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).				
Escambia	51,500	103	103	51,500	500	156	50,600	324	103	125		
Gadsden	361,600	804	648	311,000	480	2,933	1,110,211	379	723	549		
Hamilton	1,182,711	2,983	50	22,500	450	30	12,099	403	2,265	2,278		
Holmes	252,721	513	483	240,622	498	303	109,778	362	505	407		
Jackson	4,782,185	9,491	9,188	4,672,407	509				9,564	9,387		
Jefferson	2,918,206	6,065	5,827	2,830,991	486	238	87,215	366	5,837	5,637		
Lafayette	102,400	256				256	102,400	400	205	321		
Leon	2,902,450	5,965	5,965	2,902,450	487				5,805	5,983		
Levy	300,000	825				825	800,000	364	600	78		
Madison	3,883,511	9,099	8,458	1,622,914	469	5,641	2,210,597	392	7,667	9,046		
Marion	200,400	581	20	8,000	400	511	192,400	377	401	251		
Nassau	6,400	16				16	6,400	400	13	8		
Santa Rosa	44,150	95	95	44,150	465				88	22		
Suwanee	1,256,150	3,145				3,145	1,256,150	399	2,512	2,294		
Taylor	288,000	720				720	288,000	400	576	135		
Wakulla	48,150	107	107	48,150	450				96	18		
Walton	306,488	659	659	306,488	465				613	496		
Washington	395,425	791	791	395,425	500				791	649		

GEORGIA.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	UPLAND CROP.						SEA-ISLAND CROP.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.		
			Square bales.			Round bales.			Number of bales.	Total gross weight in pounds.	Average gross weight of bale (lbs.)				
			Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)	Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)							
The State	601,654,189	1,270,597	1,191,125	574,081,802	482	27,893	7,161,599	261	52,079	20,411,288	392	1,203,308	1,231,060		
Appling	1,098,020	2,800	572	269,108	470				2,228	828,917	372	2,190	3,160		
Baker	1,630,090	3,419	3,419	1,630,090	477							3,260	3,938		
Baldwin	8,092,641	6,584	6,128	2,991,141	488	406	101,500	250				6,185	9,666		
Banks	4,419,457	9,704	9,704	4,419,457	455							8,839	7,915		
Bartow	6,336,090	12,930	12,930	6,336,090	490							12,672	12,540		
Berrien	2,830,136	6,961	1,818	608,406	462				5,643	2,221,780	394	5,660	4,935		
Bibb	2,957,080	6,038	6,038	2,957,080	490				2,803	1,117,775	399	5,914	6,475		
Brooks	3,532,150	7,675	4,872	2,414,375	496				167	67,940	408	7,064	8,241		
Bryan	226,190	504	387	158,850	471				5,507	2,231,409	405	452	393		
Bulloch	8,138,723	7,470	1,968	902,314	460							6,267	8,132		
Burke	16,968,496	37,881	33,625	15,800,656	470	4,112	1,110,240	270	144	57,600	400	33,937	44,269		
Butts	6,656,311	13,761	13,761	6,656,311	484							13,313	14,369		
Calhoun	6,661,641	13,420	13,420	6,661,641	496							13,323	9,312		
Campbell	4,613,129	9,556	9,556	4,613,129	483							9,226	9,192		
Carroll	12,558,608	28,055	26,198	12,041,283	461	1,916	517,320	270				25,117	26,747		
Catoosa	516,815	1,133	1,133	516,815	456							1,034	680		
Charlton	81,400	205							205	81,400	397	168	242		
Chattahoochee	2,592,520	5,317	5,317	2,592,520	488							5,185	4,970		
Chattoga	3,059,370	6,772	6,772	3,059,370	462							6,119	6,451		
Cherokee	3,066,525	6,935	6,935	8,066,525	442							6,188	5,922		
Clarke	3,178,715	6,688	6,688	8,178,715	475							6,847	8,119		
Clay	3,671,576	7,334	7,334	8,671,576	501							7,343	9,360		
Clayton	4,203,499	8,657	8,657	4,203,499	486							8,407	7,851		
Clinch	357,945	950							950	357,945	377	716	462		
Cobb	6,376,140	14,047	14,047	6,376,140	454							12,752	13,379		
Coffee	1,769,760	4,369	558	288,700	517				8,811	1,481,060	389	3,540	2,801		
Colquitt	2,288,935	5,436	3,091	1,402,140	454				2,345	886,795	378	4,578	3,625		
Columbia	8,661,710	7,612	7,612	8,661,710	481							7,323	9,134		
Coweta	10,105,452	21,456	20,806	9,794,952	482	1,150	810,500	270				20,211	23,700		
Crawford	3,644,506	7,319	7,319	3,644,506	498							7,289	7,177		
Dawson	494,035	1,084	1,084	494,035	456							988	1,123		
Decatur	2,575,350	5,578	5,106	2,407,100	471				472	168,250	356	5,151	4,091		
Dekalb	3,098,621	6,716	6,716	3,098,621	461							6,197	6,370		
Dodge	5,723,446	11,510	11,510	5,723,446	497							11,447	10,705		
Dooly	11,070,633	23,122	21,424	10,620,663	496	1,698	449,970	265				22,141	18,465		
Dougherty	8,125,409	17,027	17,027	8,125,409	477							16,251	13,395		
Douglas	3,238,768	7,216	7,216	3,238,768	449							6,478	7,384		
Early	3,822,740	7,535	7,535	3,822,740	507							7,645	6,352		
Echols	159,500	418							418	159,500	382	319	618		
Effingham	334,255	683	683	334,255	489							669	422		
Elbert	5,896,320	13,510	18,510	5,896,320	436							11,793	12,688		
Emanuel	6,079,545	13,580	9,908	4,640,543	469				3,627	1,439,002	397	12,159	11,845		
Fayette	4,667,248	9,502	9,502	4,667,248	491							9,334	9,476		
Floyd	5,827,466	12,721	11,821	5,470,466	483	1,400	357,000	255				11,655	10,787		
Forsyth	3,390,827	7,656	7,656	3,390,827	443							6,782	6,389		
Franklin	6,534,460	14,222	14,222	6,534,460	459							13,069	12,809		

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

GEORGIA—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	UPLAND CROP.						SEA-ISLAND CROP.			Equivalent 500-pound bales, 1899.	
			Square bales.			Round bales.			Number of bales.	Total gross weight in pounds.	Average gross weight of bale (lbs.)		
			Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)	Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)					
Fulton	636,050	1,377	1,315	619,000	471	62	17,050	275				1,272	
Glascock	1,098,733	2,272	2,272	1,098,733	484							2,197	
Gordon	2,938,534	6,179	6,179	2,938,534	476							5,877	
Greene	5,359,444	10,466	10,466	5,359,444	512	1,160	313,200	270				10,719	
Gwinnett	8,316,981	18,604	17,444	8,008,731	459							16,634	
Habersham	830,030	1,834	1,834	830,030	453							1,660	
Hall	5,121,275	11,469	11,469	5,121,275	447							10,243	
Hancock	7,526,056	16,001	15,112	7,308,251	484	889	217,805	245				15,052	
Haralson	2,630,255	6,159	6,159	2,630,255	427	8,169	855,630	270				5,281	
Harris	10,874,619	22,484	19,815	9,518,989	493							20,749	
Hart	5,590,065	12,170	12,170	5,590,065	459							11,180	
Heard	5,265,525	10,966	10,966	5,265,525	480							10,581	
Henry	9,710,577	19,975	19,975	9,710,577	486	192	51,840	270				19,421	
Houston	10,687,468	21,537	21,345	10,685,628	498							21,375	
Irwin	1,648,138	3,450	2,276	1,130,787	497							3,296	
Jackson	11,452,172	25,003	25,003	11,452,172	458							22,904	
Jasper	8,179,669	16,517	16,517	8,179,669	495							16,359	
Jefferson	7,208,081	15,622	15,423	7,154,301	484	199	58,730	270				14,416	
Johnson	8,201,273	6,907	6,708	3,147,543	469	199	58,730	270				6,408	
Jones	5,916,957	10,358	10,358	5,169,957	499							10,340	
Laurens	9,029,190	18,526	18,167	8,931,160	492	304	82,080	270	55	15,950	290	18,058	
Lee	8,743,178	7,968	7,968	3,743,178	470				158	58,250	389	7,486	
Liberty	104,460	271	113	46,200	409							209	
Lincoln	3,278,279	6,606	6,606	3,278,279	496				5,449	2,205,032	405	6,557	
Lowndes	2,399,416	5,883	404	194,384	481							4,799	
Lumpkin	57,600	144	144	57,600	400							115	
McDuffie	8,806,916	6,821	6,480	3,219,984	497	341	85,932	252				6,612	
Macon	7,497,675	14,977	14,977	7,497,675	501							14,995	
Madison	5,495,150	12,034	12,034	5,495,150	487							10,990	
Marion	8,346,070	6,886	6,886	3,346,070	486							6,692	
Meriwether	10,555,666	21,208	21,208	10,555,666	498							21,111	
Miller	961,900	1,881	1,881	949,500	513				31	12,400	400	1,924	
Milton	2,129,075	4,759	4,759	2,129,075	447							4,258	
Mitchell	5,691,155	12,374	9,736	4,733,005	486	2,638	958,150	383				11,382	
Monroe	8,552,122	17,513	17,047	8,430,962	495	466	121,160	260				17,104	
Montgomery	2,818,188	5,044	4,650	2,151,865	468				394	161,318	409	4,626	
Morgan	8,881,019	18,736	16,883	8,882,209	496	1,853	498,810	269				17,762	
Murray	990,225	2,115	2,115	990,225	468							1,980	
Muscogee	2,887,853	5,987	5,662	2,763,608	488	275	74,250	270				5,676	
Newton	7,935,902	15,926	15,926	7,935,902	498							15,872	
Oconee	4,171,390	8,530	8,530	4,171,390	489							8,343	
Oglethorpe	8,622,165	18,245	18,245	8,622,165	473							17,244	
Paulding	8,421,700	7,587	7,587	3,421,700	451							6,844	
Pickens	981,780	2,172	2,172	981,780	452							1,964	
Pierce	1,566,253	4,331	27	12,240	453				4,304	1,554,013	361	3,133	
Pike	6,649,312	13,582	13,582	6,649,312	490							13,298	
Polk	4,804,252	10,811	9,535	4,488,252	470	1,276	319,000	250				9,609	
Pulaski	8,712,868	17,400	17,400	8,712,868	501							17,426	
Putnam	5,438,540	11,015	11,015	5,438,540	494							10,877	
Quitman	2,747,183	5,600	5,600	2,747,183	491							5,494	
Randolph	7,625,091	15,603	15,603	7,625,091	489							15,250	
Richmond	2,273,948	4,717	4,717	2,273,948	482							4,548	
Rockdale	6,287,660	12,499	12,499	6,287,660	499							12,475	
Schley	2,598,470	5,680	4,747	2,346,560	495	933	251,910	270				5,197	
Sc生生	6,683,680	14,213	14,136	6,650,988	471				77	32,692	425	13,367	
Spalding	6,297,660	12,499	12,499	6,287,660	499							12,475	
Stewart	7,986,923	16,200	15,803	7,879,733	499	397	107,190	270				13,974	
Sumter	11,959,854	24,251	24,251	11,959,854	498							23,920	
Talbot	6,347,970	12,785	12,785	6,347,970	497							12,696	
Taliafierro	2,891,075	6,009	5,559	2,778,575	500	450	112,500	250				5,782	
Tattnall	2,669,182	6,478	1,328	592,679	448							12,475	
Taylor	3,956,240	7,968	7,968	3,956,240	497							17,687	
Telfair	1,409,506	2,936	2,914	1,400,772	481							7,239	
Terrell	11,598,787	22,996	22,996	11,598,787	504							5,197	
Thomas	5,228,415	11,664	9,569	4,431,328	468				2,095	797,087	380	16,884	
Troup	9,224,344	18,494	18,494	9,224,344	499							18,469	
Twiggs	8,111,609	10,677	10,677	5,111,609	479							10,223	
Upson	5,005,531	10,117	10,117	5,005,531	495							10,011	
Walker	1,403,398	3,103	3,103	1,403,398	452							2,807	
Walton	9,817,202	19,963	19,963	9,817,202	492							19,694	
Ware	5,320	14							14	5,320	380	11	
Warren	4,265,894	8,825	8,369	4,151,894	496	456	114,000	250				8,532	
Washington	11,638,923	24,171	24,009	11,598,423	483	162	40,500	250				23,278	
Wayne	546,924	1,333	1,211	53,834	445				1,212	492,090	406	1,092	
Webster	2,595,623	5,313	5,313	2,595,623	489							5,191	
White	105,000	240	240	105,000	488							210	
Whitfield	973,310	2,164	2,164	973,310	450							1,717	
Wilcox	2,819,455	5,652	5,552	2,772,580	499							5,639	
Wilkes	8,419,813	19,178	15,250	7,475,061	490	3,928	944,752	240				10,840	
Wilkinson	8,597,248	7,542	7,542	3,597,248	477							7,194	
Worth	4,928,622	10,153	9,272	4,557,572	492				881	871,050	421	9,857	

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

INDIAN TERRITORY.

COUNTIES.	Total gross weight in pounds.	Commer- cial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equiva- lent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
The Territory	124,967,426	288,114	197,704	101,776,870	515	90,410	23,190,556	257	249,935	143,608
Cherokee nation	15,601,328	36,588	24,013	12,181,058	507	12,570	3,420,270	272	81,203	28,594
Chickasaw nation	62,467,667	140,168	106,032	54,315,686	512	34,076	8,151,981	239	124,935	72,275
Choctaw nation	28,974,506	61,757	50,180	25,852,297	516	11,627	3,122,209	269	57,949	30,796
Creek nation	16,543,615	44,688	17,404	9,357,829	538	27,284	7,185,786	268	83,087	19,793
Seminole nation	1,380,310	4,978	125	70,000	560	4,853	1,310,310	270	2,761	150

KANSAS.

The State	75,500	151	151	75,500	500				151	121
Montgomery	75,500	151	151	75,500	500				151	121

KENTUCKY.

The State	66,500	133	133	66,500	500				133	79
Fulton	65,000	180	180	65,000	500				180	60
Graves	1,500	3	3	1,500	500				8	19

LOUISIANA.

The State	352,888,228	714,073	696,049	348,175,876	500	18,024	4,707,852	261	705,767	700,852
Acadia	2,934,715	6,106	6,106	2,934,715	481				5,839	4,944
Ascension	2,486,036	4,378	4,378	2,486,036	510				4,972	4,976
Avoyelles	16,587,104	32,573	32,573	16,587,104	509				83,174	39,718
Bienvenue	7,249,885	14,574	14,574	7,249,885	497				14,500	11,636
Bossier	17,820,406	35,788	32,855	17,057,296	519	2,933	763,110	260	85,641	27,287
Caddo	21,953,724	43,332	42,726	21,790,104	510	606	163,620	270	48,907	30,592
Calcasieu	445,340	916	916	445,340	486				891	754
Caldwell	2,022,978	5,412	5,412	2,622,978	485				5,246	3,261
Cameron	205,875	440	440	205,875	468				412	646
Catahoula	6,087,512	13,092	13,092	6,087,512	465				12,175	12,005
Claiborne	12,179,343	24,667	24,667	12,179,343	494				24,859	19,718
Concordia	10,162,456	19,686	19,686	10,162,456	516				20,825	24,084
De Soto	13,377,654	26,188	26,188	13,377,654	511				26,755	18,910
East Baton Rouge	9,876,507	19,981	19,114	9,168,890	479	867	217,617	251	18,768	21,128
East Carroll	7,057,256	16,308	16,308	7,957,256	520				15,914	19,223
East Feliciana	11,539,188	25,126	23,369	11,099,888	475	1,757	439,250	250	23,078	21,752
Franklin	5,897,766	11,259	10,736	5,269,631	491	523	128,135	245	10,795	6,772
Grant	3,865,089	7,671	7,671	3,865,089	504				7,780	8,639
Iberia	1,625,590	4,163	2,002	1,042,120	520	2,161	583,470	270	8,251	8,508
Iberville	1,795,419	3,584	3,584	1,795,419	501				8,591	4,204
Jackson	8,821,553	7,922	7,922	8,821,553	481				7,648	6,850
Lafayette	7,179,032	14,610	14,610	7,179,032	491				14,858	14,486
Lincoln	7,108,757	14,426	14,426	7,108,757	493				14,217	11,027
Livingston	1,990,241	4,368	4,368	1,990,241	456				8,981	2,923
Madison	8,307,075	15,799	15,799	8,307,075	526				16,614	14,400
Morehouse	12,654,912	25,557	25,385	12,608,472	497	172	46,440	270	25,310	32,165
Natchitoches	13,985,308	27,785	27,785	13,985,308	508				27,971	28,350
Ouachita	9,048,536	18,440	18,440	9,018,856	491				18,098	22,232
Pointe Coupee	16,516,038	32,859	32,859	16,516,038	503				33,032	42,682
Rapides	10,340,380	22,778	18,346	9,208,890	502	4,432	1,181,600	255	20,681	38,155
Red River	10,198,292	20,154	19,729	10,083,542	511	425	114,750	270	20,397	15,233
Richland	9,094,450	17,935	17,935	9,094,450	507				18,189	13,210
Sabine	6,185,344	12,318	12,318	6,185,344	502				12,371	10,453
St. Helena	3,490,730	7,213	7,213	3,490,730	484				6,981	6,068
St. Landry	18,261,127	37,420	18,261,127	37,420	488				36,522	43,951
St. Martin	4,193,510	10,185	6,037	8,073,550	509	4,148	1,119,960	270	8,387	9,606
St. Tammany	653,020	1,439	1,439	653,020	454				1,306	1,048
Tangipahoa	1,788,302	3,702	3,702	1,788,302	483				3,577	4,071
Tensas	13,934,647	26,345	26,345	13,934,647	529				27,869	34,041
Union	8,738,933	17,541	17,541	8,738,933	498				17,478	12,242
Vermilion	2,181,775	4,017	4,017	2,181,775	531				4,264	3,701
Vernon	769,075	1,606	1,606	769,075	479				1,588	1,473
Washington	4,024,251	8,482	8,482	4,024,251	474				8,048	8,907
Webster	6,387,900	12,793	12,793	6,387,900	499				12,776	8,813
West Baton Rouge	2,080,286	4,262	4,262	2,080,286	488				4,161	8,062
West Carroll	2,030,511	4,084	4,084	2,030,511	503				4,062	3,546
West Feliciana	8,299,484	17,085	17,085	8,299,484	487				16,599	18,776
Winn	3,999,396	8,304	8,304	3,999,396	482				7,999	5,518

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

MISSISSIPPI.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.		
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).				
The State	523,350,037	1,055,968	1,018,090	512,884,575	503	37,878	10,965,462	289	1,046,700	1,237,666		
Adams	10,707,651	22,404	22,319	10,665,151	478	85	42,500	500	21,415	22,600		
Alcorn	2,612,000	5,221	5,221	2,612,000	500	617	262,225	425	5,224	5,229		
Amité	9,905,978	20,167	19,550	9,648,753	493				19,812	21,057		
Attala	6,974,802	14,180	14,130	6,974,802	494				18,950	18,591		
Benton	3,172,910	6,307	6,307	3,172,910	503				6,346	7,383		
Bolivar	35,594,170	67,307	67,307	35,594,170	529				71,188	55,468		
Calhoun	3,512,270	6,671	6,671	3,512,270	526				7,025	9,444		
Carroll	8,859,189	19,078	16,619	8,210,105	494	2,459	619,084	264	17,718	19,600		
Chickasaw	6,895,222	18,658	18,017	6,726,252	517	636	168,970	266	13,790	15,194		
Choctaw	2,927,070	5,827	5,827	2,927,070	502				5,854	8,170		
Claiborne	6,101,837	12,979	12,979	6,101,837	470				12,204	12,156		
Clarke	3,195,097	6,484	6,484	3,195,097	493				6,390	10,116		
Clay	5,370,941	10,564	10,564	5,370,941	508				10,742	16,595		
Coahoma	22,461,089	44,213	43,939	22,392,589	510	274	68,500	250	44,922	43,167		
Copiah	12,487,626	25,404	25,404	12,487,626	492				24,975	24,761		
Covington	3,075,358	6,440	6,440	3,075,358	478				6,151	6,912		
De Soto	11,180,463	28,180	20,655	10,498,713	508	2,525	681,750	270	22,361	24,197		
Franklin	5,944,006	12,269	12,269	5,944,006	484				11,888	12,580		
Greene	127,500	255	255	127,500	500				255	175		
Grenada	5,069,641	11,745	8,122	3,986,005	491	8,623	1,033,636	299	10,139	14,890		
Hancock										180		
Hinds	12,869,689	27,847	25,764	12,442,279	483	1,558	427,410	270	25,739	41,021		
Holmes	13,073,039	26,899	24,695	12,477,959	505	2,204	595,080	270	26,146	37,328		
Issaquena	8,414,707	16,358	16,358	8,414,707	514				16,829	17,525		
Itawamba	1,897,916	8,723	8,723	1,897,916	510				3,796	4,981		
Jackson										3		
Jasper	4,112,286	8,276	8,276	4,112,286	497				8,225	11,187		
Jefferson	12,229,668	25,189	23,976	11,700,398	488	1,163	529,165	455	24,459	28,817		
Jones	3,018,115	6,209	6,209	3,018,115	486				6,086	6,995		
Kemper	5,290,475	10,578	10,578	5,290,475	500				10,581	15,997		
Lafayette	5,506,862	11,180	10,611	5,273,537	497	549	233,325	425	11,014	15,852		
Lauderdale	4,890,973	10,202	10,202	4,890,973	479				9,782	11,952		
Lawrence	5,030,400	10,433	10,433	5,030,400	482				10,061	11,891		
Leake	4,022,389	8,207	8,207	4,022,389	490				8,045	13,298		
Lee	6,307,815	12,196	12,196	6,307,815	517				12,616	18,771		
Leflore	15,421,395	31,403	31,403	15,421,395	491				30,843	39,470		
Lincoln	4,990,630	10,309	10,309	4,990,630	484				9,981	11,454		
Lowndes	7,825,418	15,708	15,708	7,825,418	498				15,651	20,907		
Madison	9,833,891	20,308	18,729	9,413,561	503	1,579	426,330	270	19,680	26,682		
Marion	2,533,815	5,179	5,179	2,533,815	489				5,068	4,823		
Marshall	8,458,089	16,992	16,690	8,371,549	502	802	81,540	270	16,906	22,270		
Monroe	8,066,720	16,191	15,087	7,768,640	515	1,104	298,080	270	16,138	26,035		
Montgomery	4,481,893	9,648	8,008	4,048,036	505	1,640	433,857	265	8,964	11,311		
Neshoba	3,144,900	6,410	6,410	3,144,900	491				6,290	7,690		
Newton	5,654,966	11,406	11,406	5,654,966	496				11,810	16,362		
Noxubee	10,621,552	21,764	20,629	10,315,242	500	1,195	806,310	270	21,243	23,843		
Oktibbeha	3,748,032	7,468	7,140	3,658,472	513	328	88,560	270	7,496	12,442		
Panola	11,121,772	23,032	20,980	10,567,732	504	2,052	554,040	270	22,243	27,198		
Pearl River	81,000	162	162	81,000	500				162	165		
Perry	554,271	1,122	1,122	554,271	494				1,109	1,252		
Pike	6,260,315	12,875	12,875	6,260,315	486				12,521	9,500		
Pontotoc	5,458,245	10,916	10,494	5,344,305	509	422	113,940	270	10,916	12,756		
Prentiss	3,706,674	7,218	7,218	3,706,674	514				7,413	10,247		
Quitman	3,361,830	6,758	6,758	3,361,830	497				6,724	6,384		
Rankin	4,968,569	10,088	10,088	4,968,569	498				9,937	14,228		
Scott	2,822,559	5,755	5,755	2,822,559	490				5,645	8,194		
Sharkey	10,684,967	19,493	19,493	10,684,967	548				21,370	23,474		
Simpson	3,566,388	7,389	7,389	3,566,388	484				7,133	8,742		
Smith	3,402,901	6,956	6,956	3,402,901	489				6,806	8,648		
Sunflower	9,836,901	19,003	19,003	9,836,901	518				19,674	18,009		
Tallahatchie	13,732,506	27,672	25,927	13,261,356	511	1,745	471,150	270	27,465	28,515		
Tate	6,647,325	13,492	13,436	6,634,905	494	46	12,420	270	13,295	17,184		
Tippah	3,030,099	5,996	5,996	3,030,099	505				6,060	7,485		
Tishomingo	1,777,325	8,537	3,537	1,777,325	502				3,555	3,744		
Tunica	11,327,521	23,436	22,079	10,961,131	496	1,357	866,390	270	22,655	24,716		
Union	3,324,674	7,375	5,949	2,939,654	494	1,426	885,020	270	6,649	9,204		
Warren	10,207,798	20,417	20,417	10,207,798	500				20,416	28,201		
Washington	27,869,490	50,738	50,738	27,869,490	549				55,789	69,192		
Wayne	2,127,115	4,155	4,155	2,127,115	512				4,254	4,918		
Webster	2,810,739	5,705	5,705	2,810,739	493				5,621	8,966		
Wilkinson	9,161,658	19,582	17,522	8,307,408	474	2,010	854,250	425	18,323	16,508		
Winston	4,061,990	8,102	8,102	4,061,990	501	7,014	1,831,980	261	8,124	10,782		
Yalobusha	6,094,922	15,606	8,592	4,262,942	496				12,190	14,888		
Yazoo	17,729,238	35,662	35,662	17,729,238	497				35,458	47,834		

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

MISSOURI.

COUNTIES.	Total gross weight in pounds.	Commer-	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equiva-
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
The State	13,935,257	27,980	25,712	18,322,897	518	2,268	612,360	270	27,871	20,275
Butler	120,750	230	230	120,750	525				241	186
Dunklin	9,281,594	19,256	16,988	8,669,284	510	2,268	612,360	270	18,563	13,660
Howell	113,208	220	220	113,208	514				226	197
Mississippi	6,500	13	13	6,500	500				13	12
New Madrid	1,394,750	2,645	2,645	1,394,750	527				2,790	1,881
Oregon	68,500	137	137	68,500	500				137	78
Ozark	455,061	879	879	455,061	518				910	610
Pemiscot	970,800	1,805	1,805	970,800	538				1,942	1,442
Ripley	95,866	180	180	95,866	533				192	358
Stoddard	1,006,759	1,818	1,818	1,006,759	555				2,014	1,393
Taney	421,469	802	802	421,469	526				843	558

NORTH CAROLINA.

The State	238,634,615	509,341	507,268	238,078,555	469	2,078	561,060	270	477,269	440,400
Alamance	484,950	1,156	1,156	484,950	420				970	590
Alexander	350,161	798	798	350,161	439				700	755
Anson	7,870,285	16,141	16,141	7,870,285	487				15,741	18,666
Beaufort	3,130,120	6,486	6,486	3,130,120	483				6,210	8,485
Bertie	4,743,850	9,227	9,227	4,743,850	514				9,488	6,506
Bladen	1,570,999	8,222	8,222	1,570,999	488				8,142	2,909
Brunswick	205,750	412	412	205,750	500				412	258
Burke										202
Cabarrus	8,427,310	7,257	7,257	8,427,310	472				6,855	7,569
Caldwell	3,200	8	8	3,200	400				6	6
Camden	951,250	1,815	1,815	951,250	524				1,908	1,011
Carteret	435,995	902	902	435,995	483				872	595
Catawba	2,107,142	4,657	4,657	2,107,142	452				4,214	4,018
Chatham	8,936,782	7,205	7,205	8,936,782	546				7,873	5,724
Chowan	1,658,395	3,351	3,351	1,658,395	495				3,317	2,065
Cleveland	6,869,045	14,766	14,766	6,869,045	465				13,738	11,309
Columbus	1,487,474	2,969	2,969	1,487,474	501				2,975	2,505
Craven	2,587,512	5,312	5,312	2,587,512	487				5,175	4,076
Cumberland	3,762,519	8,080	8,080	3,762,519	466				7,525	7,970
Currituck	680,990	1,387	1,387	680,990	491				1,362	593
Davidson	707,730	1,489	1,489	707,730	475				1,415	1,295
Davie	526,450	1,192	1,192	526,450	442				1,053	758
Duplin	3,690,414	7,778	7,778	3,690,414	474				7,381	4,845
Durham	645,300	1,459	1,459	645,300	442				1,291	1,145
Edgecombe	8,572,468	19,078	19,078	8,572,468	449				17,145	13,699
Forsyth	25,200	60	60	25,200	420				50	9
Franklin	6,281,815	13,951	13,951	6,281,815	447				12,404	9,831
Gaston	3,597,085	7,948	7,948	3,597,085	453				7,191	6,577
Gates	1,098,375	2,106	2,106	1,098,375	493				2,077	1,470
Granville	875,800	1,994	1,994	875,800	489				1,752	1,333
Greene	3,979,345	8,077	8,077	3,979,345	493				7,959	7,283
Guilford	198,640	408	408	198,640	475				387	276
Halifax	7,283,399	16,414	15,646	7,085,979	453	768	207,360	270	14,587	14,687
Harnett	2,759,907	6,249	6,249	2,759,907	442				5,520	5,614
Hertford	2,409,674	4,789	4,789	2,409,674	503				4,819	3,978
Hyde	198,900	397	397	198,900	501				398	135
Iredell	4,039,974	8,941	8,941	4,039,974	452				8,080	10,127
Johnston	10,835,042	25,335	24,026	10,481,342	436	1,310	355,700	270	21,670	17,835
Jones	2,015,202	4,201	4,201	2,015,202	480				4,030	3,548
Lenoir	4,526,561	9,126	9,126	4,526,561	496				9,053	7,155
Lincoln	2,604,818	5,801	5,801	2,604,818	449				5,210	5,107
Martin	1,757,096	3,529	3,529	1,757,096	498				3,514	3,603
Mecklenburg	12,611,388	26,038	26,038	12,611,388	484				25,222	21,799
Montgomery	1,496,693	3,295	3,295	1,496,693	494				2,993	5,044
Moore	2,126,400	4,885	4,885	2,126,400	440				4,253	4,434
Nash	4,365,840	10,056	10,056	4,365,840	434				8,732	8,795
Northampton	4,721,055	9,649	9,649	4,721,055	489				9,412	11,350
Onslow	1,334,015	2,827	2,827	1,334,015	472				2,668	2,298
Orange	1,097,850	2,424	2,424	1,097,850	453				2,196	1,636
Pamlico	1,086,840	2,171	2,171	1,086,840	501				2,174	1,267
Pasquotank	864,600	1,620	1,620	864,600	534				1,729	1,094
Pender	461,961	967	967	461,961	478				924	776
Perquimans	2,579,964	5,084	5,084	2,579,964	507				5,160	3,251
Pitt	7,589,545	15,902	15,902	7,589,545	477				15,179	18,948
Polk	371,750	825	825	371,750	451				748	896
Randolph	331,116	762	762	331,116	485				662	418
Richmond	8,733,852	7,854	7,854	8,733,852	475				7,468	28,609
Robeson	18,303,272	27,349	27,349	18,303,272	486				26,606	28,269
Rowan	4,026,085	8,661	8,661	4,026,085	465				8,052	8,791
Rutherford	2,754,311	5,825	5,825	2,754,311	478				5,509	4,698
Sampson	4,898,895	10,639	10,639	4,898,895	460				9,798	8,881
Scotland	5,884,335	11,889	11,889	5,884,335	495				11,769	11,368
Stanly	1,964,005	4,280	4,280	1,964,005	459				3,928	5,368
Tyrrell	355,073	711	711	355,073	499				710	707
Union	10,558,762	22,268	22,268	10,558,762	474				21,117	22,950
Vance	2,018,050	4,387	4,387	2,018,050	460				4,036	2,825

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

NORTH CAROLINA—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
Wake	11,072,730	25,534	25,534	11,072,730	434				22,145	19,581
Warren	4,261,585	9,150	9,150	4,261,585	466				8,523	6,058
Washington	1,521,489	8,025	8,025	1,521,489	503				8,043	1,837
Wayne	10,832,942	23,359	23,359	10,832,942	464				21,666	18,571
Wilson	5,613,539	12,451	12,451	5,613,539	451				11,227	10,606
Yadkin	8,964	36	36	8,964	249				18	16

OKLAHOMA.

The Territory	53,353,661	116,875	89,782	46,076,202	513	27,093	7,277,459	209	106,707	71,983
Blaine	292,640	1,180				1,180	292,640	248	585	559
Cleveland	6,603,401	15,008	11,085	5,577,655	503	3,918	1,025,746	262	13,207	7,826
Custer	855,880	2,744	500	250,000	500	2,244	605,880	270	1,712	1,377
Dewey	105,000	210	210	105,000	500				210	200
Greer	9,383,529	17,966	17,966	9,383,529	522				18,767	4,231
Kingfisher	1,050,796	2,182	2,132	1,050,796	493				2,102	1,359
Lincoln	10,216,556	22,763	16,787	8,619,114	513	5,976	1,597,442	267	20,483	13,326
Logan	2,423,116	6,025	3,881	1,726,132	511	2,644	690,984	264	4,846	5,286
Noble	420,000	840	840	420,000	500				840	1,000
Oklahoma	3,723,593	7,112	7,112	3,723,593	524				7,447	4,218
Pawnee	915,268	1,784	1,734	915,268	528				1,830	2,131
Payne	3,457,793	9,923	3,474	1,785,842	514	6,449	1,671,951	259	6,916	4,810
Pottawatomie	9,355,595	20,515	15,833	7,968,779	503	4,682	1,386,816	296	22,839	22,839
Washita	4,650,499	8,728	8,728	4,550,499	521				9,101	2,722
Woods										104

SOUTH CAROLINA.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	UPLAND CROP.			SEA-ISLAND CROP.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Square bales.		Round bales.	Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)		
			Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)	Number.	Total gross weight in pounds.	Average gross weight of bale (lbs.)		
The State	374,362,722	780,782	770,707	371,010,698	481	1,866	466,500	250	8,149	2,885,524
Abbeville	10,162,662	21,176	21,176	10,162,662	480					20,825
Aiken	12,273,846	25,597	25,597	12,273,846	479					24,547
Anderson	17,164,381	35,566	35,566	17,164,381	483					34,329
Bamberg	7,133,259	14,171	14,171	7,133,259	503					14,267
Barnwell	16,934,582	32,427	32,427	16,934,582	522					38,869
Beaufort	1,435,411	3,422	1,955	904,717	463					2,871
Berkeley	4,975,059	10,647	10,636	4,972,499	467					3,304
Charleston	2,351,370	6,671								11,888
Cherokee	3,559,995	7,642	7,642	3,559,995	466	890	222,500	250	6,671	3,707
Chester	9,724,148	21,207	20,317	9,501,648	468					9,700
Chesterfield	5,708,308	11,790	11,790	5,708,308	484					11,417
Clarendon	10,495,665	21,003	20,495	6,655	500					20,991
Colleton	4,208,394	8,604	8,604	4,208,394	489					8,417
Darlington	13,884,743	27,615	27,615	13,884,743	501					27,669
Dorchester	2,998,603	6,377	6,377	2,998,603	470					5,997
Edgefield	9,407,474	19,518	19,518	9,407,474	482					18,815
Fairfield	10,745,796	22,274	22,274	10,745,796	482					21,491
Florence	8,325,958	16,742	16,742	8,325,958	497					16,652
Georgetown	651,716	1,323	1,323	651,716	493					1,303
Greenville	10,955,636	23,888	23,888	10,955,636	459					21,911
Greenwood	10,641,116	22,830	22,830	10,641,116	466					21,282
Hampton	6,041,341	12,159	12,159	6,041,341	497					12,083
Horry	2,765,136	5,647	5,647	2,765,136	490					5,580
Kershaw	8,474,245	17,253	17,253	8,474,245	491					16,949
Lancaster	8,856,460	18,880	18,880	8,856,460	469					17,713
Laurens	14,615,508	30,991	30,991	14,615,508	472					29,281
Lexington	6,390,380	13,994	13,994	6,390,380	457					12,781
Marion	14,525,515	30,720	30,720	14,525,515	473					13,024
Marlboro	17,583,898	36,089	36,089	17,583,898	487					27,685
Newberry	9,519,882	20,986	20,010	9,275,882	464	976	244,000	250		35,168
Oconee	4,792,444	10,254	10,254	4,792,444	467					19,040
Orangeburg	24,867,881	52,293	24,867,881	52,293	476					49,736
Pickens	4,216,341	9,199	9,199	4,216,341	458					8,483
Richland	5,776,328	11,554	11,554	5,776,328	500					11,553
Saluda	5,744,876	12,492	12,492	5,744,876	460					11,490
Spartanburg	14,538,409	31,322	31,322	14,538,409	464					29,077
Sumter	22,904,583	45,523	45,523	22,904,583	503					45,809
Union	6,992,513	15,008	15,008	6,992,513	466					10,920
Williamsburg	9,323,769	18,804	18,804	9,323,769	496					12,605
York	12,744,741	27,134	27,134	12,744,741	470					13,497

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

TENNESSEE.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
The State ¹	110,809,694	227,601	203,149	104,350,261	514	24,452	6,449,433	264	221,619	211,641
Bedford	85,646	74	74	85,646	482				71	46
Benton	197,050	378	378	197,050	521				394	336
Bledsoe	1,500	3	3	1,500	500				3	4
Bradley	171,350	378	378	171,350	454				343	251
Cannon										24
Carroll	4,196,828	10,845	5,421	2,760,110	509	5,424	1,436,718	265	8,394	6,215
Chester	1,696,846	3,351	3,351	1,696,846	506				3,304	3,771
Crockett	3,094,343	5,861	5,861	3,094,343	528				6,189	5,949
Decatur	594,038	1,197	1,197	594,038	496				1,188	1,176
DeKalb	1,000	2	2	1,000	500				2	4
Dickson	3,000	6	6	3,000	500				6	6
Dyer	6,029,020	14,625	8,361	4,396,190	526	6,264	1,632,840	261	12,058	8,639
Fayette	9,266,588	18,616	17,596	9,000,368	511	1,020	266,220	261	18,533	21,864
Gibson	4,234,014	7,970	7,970	4,234,014	531				8,468	7,546
Giles	4,515,581	8,839	8,839	4,515,581	511				9,031	5,785
Hamilton	11,990	22	22	11,990	545				24	17
Hardenau	5,491,094	10,881	10,881	5,491,094	504				10,982	10,700
Hardin	2,472,903	5,885	3,786	1,948,153	515	2,099	524,750	250	4,946	4,648
Haywood	7,648,829	15,460	14,948	7,510,589	502	512	138,240	270	15,298	17,098
Henderson	2,833,014	4,525	4,525	2,833,014	516				4,666	4,728
Henry	552,602	1,040	1,040	552,602	531				1,105	608
Hickman	15,300	28	28	15,300	546				31	36
Jackson	2,000	4	4	2,000	500				4	2
James										5
Lake	7,537,704	18,909	13,909	7,537,704	542				15,075	14,657
Lauderdale	7,543,889	17,038	12,274	6,268,744	511	4,764	1,275,155	268	15,088	12,004
Lawrence	175,000	350	350	175,000	500				350	371
Lincoln	2,045,629	4,017	4,017	2,045,629	509				4,091	2,199
London	1,500	3	3	1,500	500				3	
McMinn	377,060	819	819	377,060	460				754	425
McNairy	8,149,064	6,161	6,161	8,149,064	511				6,298	7,125
Madison	6,522,183	12,824	12,824	6,522,183	508				13,044	12,480
Marshall	106,500	213	213	106,500	500				213	295
Mary	180,195	363	363	180,195	498				360	233
Meigs										3
Monroe	7,000	14	14	7,000	500				14	3
Obion	1,213,750	2,415	2,415	1,213,750	503				2,428	367
Overton	5,000	10	10	5,000	500				10	2
Perry										198
Polk	446,640	998	998	446,640	448				893	710
Rutherford	2,213,150	4,364	4,364	2,213,150	507				4,426	3,193
Sevier	1,000	2	2	1,000	500				2	6
Shelby	14,268,286	28,198	27,806	14,162,446	509	392	105,840	270	28,537	35,454
Tipton	11,587,438	24,248	20,271	10,467,788	516	3,977	1,069,670	270	23,075	19,792
Warren	50,000	100	100	50,000	500				100	100
Wayne	108,500	215	215	108,500	505				217	350
Weakley	729,200	1,822	1,822	729,200	552				1,468	1,648
White	10,000								20	8
Williamson	16,500	30	30	16,500	550				33	35

¹ Number of commercial bales does not include 10,000 pounds found in White county, not baled.

TEXAS.

The State	1,719,193,091	3,586,506	8,121,525	1,611,818,412	516	414,981	107,374,679	259	3,438,886	2,609,018
Anderson	9,892,013	19,553	19,553	9,892,013	506				19,781	16,826
Angelina	2,259,320	4,482	4,482	2,259,320	504				4,519	3,888
Archer	49,875	95	95	49,875	525				100	141
Aransas	588,920	1,996				1,996	538,920	270	1,078	
Atascosa	4,625,345	8,837	8,837	4,625,345	523				9,251	3,999
Austin	5,036,331	9,805	9,024	4,825,461	585	781	210,870	270	10,073	81,744
Bandera	1,731,065	3,313	3,343	1,731,065	518				3,462	1,206
Bastrop	17,526,908	37,226	25,960	14,470,373	557	11,266	8,056,585	271	35,054	40,261
Baylor	928,400	1,860	1,860	928,400	499				1,857	466
Bee	6,423,710	12,411	12,411	6,423,710	518				12,847	4,784
Bell	38,137,762	66,086	56,058	30,216,892	539	10,033	2,920,870	291	66,276	55,754
Bexar	18,922,006	28,813	23,689	12,587,126	527	4,944	1,334,880	270	27,846	8,886
Blanco	3,429,983	6,370	6,370	3,429,983	538				6,860	3,951
Bosque	11,995,995	23,220	23,220	11,995,995	517				23,992	11,736
Bowie	10,673,360	20,557	20,557	10,673,360	519				21,347	16,826
Brazoria	657,008	1,264	1,264	657,008	520				1,314	6,888
Brazos	9,236,696	19,764	16,386	8,824,636	508	3,378	912,060	270	18,473	22,069
Brown	14,136,400	27,712	27,712	14,136,400	510				28,273	12,619
Burleson	8,445,116	18,341	18,318	7,268,766	526	4,523	1,170,850	260	16,890	25,194
Burnet	8,258,809	15,730	15,730	8,258,809	525				16,518	7,788
Caldwell	22,152,952	45,282	39,295	20,536,462	523	5,987	1,616,490	270	44,806	47,473
Calhoun	246,377	469	469	246,377	525				493	1,477
Callahan	5,990,102	11,707	11,707	5,990,102	512				11,980	7,716
Camp	6,632,960	13,093	13,093	6,632,960	507				13,266	7,807
Cass	10,704,729	21,353	21,353	10,704,729	501				21,409	15,848

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

TEXAS—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
Cherokee	10,258,145	20,374	20,374	10,258,145	503				20,516	15,360
Childress	690,000	1,380	1,380	690,000	500				1,380	255
Clay	3,880,500	7,689	7,689	3,880,500	505				7,761	3,846
Coke	2,410,215	4,696	4,696	2,410,215	513				4,820	1,345
Coleman	9,685,386	18,224	18,224	9,685,386	531				19,371	8,089
Collin	35,481,658	82,934	54,179	28,205,835	521	28,755	7,275,823	258	70,963	49,077
Colorado	4,379,430	8,197	8,186	4,376,460	535	11	2,970	270	8,759	30,923
Comal	10,426,855	19,475	19,475	10,426,855	535				20,854	11,997
Comanche	23,888,678	46,366	46,366	23,888,678	515				47,777	23,797
Concho	86,320	166	166	86,320	520				178	42
Cooke	9,375,637	18,249	18,249	9,375,637	514				18,751	11,905
Coryell	15,483,939	29,346	29,346	15,483,939	526				30,868	20,702
Cottle	355,000	710	710	355,000	500				710	173
Dallas	29,985,243	66,362	51,809	26,456,490	511	14,553	3,528,753	242	59,970	41,012
Delta	18,178,905	34,905	34,690	18,125,370	522	215	53,535	248	36,358	24,705
Denton	19,546,005	50,830	24,577	12,659,102	515	26,253	6,886,908	262	39,092	20,381
Dewitt	14,528,795	32,447	23,826	12,282,750	516	8,621	2,246,045	261	29,058	23,440
Duval	854,092	1,694	1,694	854,092	504				1,708	853
Eastland	19,082,209	39,704	35,955	18,073,003	503	3,749	1,009,206	269	38,164	15,611
Edwards	47,000	94	94	47,000	500				94	4
Ellis	68,066,824	188,104	104,645	54,601,948	522	33,459	8,464,876	253	126,184	86,630
Erath	22,048,342	43,415	41,326	21,484,312	520	2,089	564,030	270	44,097	21,211
Falls	30,725,209	68,464	48,710	25,626,777	526	19,754	5,098,432	258	61,450	48,416
Fannin	50,513,656	102,019	92,213	47,981,021	520	9,776	2,582,635	259	101,027	59,802
Fayette	20,416,236	40,575	36,014	19,208,766	533	4,561	1,207,470	265	40,882	73,238
Fisher	1,681,810	8,359	8,359	1,681,840	501				3,364	745
Foard	771,000	1,510	1,510	771,000	511				1,542	408
Fort Bend	1,649,420	3,458	2,647	1,338,560	506	811	210,860	260	3,099	8,256
Franklin	5,409,850	10,538	10,533	5,409,850	514				10,820	8,659
Freestone	14,565,060	28,508	28,508	14,565,060	511				29,130	20,138
Frio	3,958,375	7,529	7,529	3,958,375	526				7,917	2,590
Galveston	178,000	356	356	178,000	500				356	761
Gillespie	6,478,210	12,960	12,860	6,478,219	524				12,956	6,883
Goliad	5,756,692	11,192	11,192	5,756,692	514				11,513	7,435
Gonzales	19,253,367	37,032	37,032	19,253,367	520				38,507	44,131
Grayson	31,715,065	70,074	54,501	27,853,185	511	15,573	3,861,880	248	68,430	40,871
Gregg	3,905,240	7,841	7,841	3,905,240	498				7,810	6,194
Grimes	5,990,382	11,832	11,481	5,895,612	514	351	94,770	270	11,981	26,541
Guadalupe	28,316,325	59,981	48,279	25,256,985	523	11,702	3,059,540	261	56,638	28,114
Hall	388,500	717	717	358,500	500				717	113
Hamilton	18,977,920	26,759	26,759	18,977,920	522				27,956	15,070
Hardeman	1,924,000	3,700	3,700	1,924,000	520				3,848	1,935
Hardin	74,900	151	151	74,900	496				149	83
Harris	1,058,960	2,047	2,047	1,058,960	517				2,118	5,859
Harrison	14,175,664	28,257	28,257	14,175,664	502				28,351	19,663
Haskell	1,255,000	2,510	2,510	1,255,000	500				2,510	880
Hays	15,825,872	34,299	26,191	18,782,992	525	8,108	2,072,880	256	31,652	23,737
Hemphill									40	40
Henderson	11,065,649	21,821	21,821	11,065,649	507				22,181	16,093
Hidalgo	142,500	285	285	142,500	500				285	
Hill	42,880,006	97,209	67,854	35,395,581	522	29,355	7,434,475	253	85,660	59,070
Hood	8,622,160	18,584	15,464	7,779,780	508	3,120	842,400	270	17,244	7,941
Hopkins	24,624,060	49,011	49,011	24,624,060	502				49,248	24,710
Houston	13,626,927	26,671	26,671	13,626,927	511				27,254	26,154
Howard	150,000	300	300	150,000	500				300	5
Hunt	41,875,981	97,574	66,495	34,225,046	515	31,079	7,650,935	246	88,752	50,317
Jack	3,450,915	6,801	6,801	3,450,915	507				6,902	3,172
Jackson	638,675	1,197	1,197	638,675	529				1,267	3,825
Jasper	1,205,941	2,435	2,435	1,205,941	495				2,412	1,822
Johnson	21,394,981	45,307	37,717	19,468,276	516	7,590	1,931,705	255	42,790	26,834
Jones	3,747,700	7,845	7,845	3,747,700	510				7,495	4,401
Karnes	11,462,846	22,797	22,797	11,462,846	503				22,926	12,515
Kaufman	39,585,648	79,412	74,246	38,338,823	516	5,166	1,246,820	241	79,171	58,429
Kendall	1,996,560	3,912	3,912	1,996,560	510				3,994	1,878
Kent	52,312	104	104	52,312	508				105	189
Kerr	634,790	1,250	1,250	634,790	508				1,270	789
Kimble	538,563	1,062	1,062	538,563	502				1,067	684
Knox	1,300,250	2,578	2,578	1,300,250	504				2,601	341
Lamar	44,707,578	87,393	86,542	44,512,186	514	851	195,392	230	89,415	49,193
Lampasas	4,082,910	7,794	7,794	4,082,910	524				8,166	4,562
Lavaca	14,029,025	28,226	28,858	12,749,665	534	4,368	1,279,360	298	28,058	42,484
Lee	5,481,382	12,188	8,970	4,626,022	516	3,168	855,360	270	10,368	21,486
Leon	10,962,398	22,130	20,452	10,510,036	514	1,678	452,360	270	21,925	21,778
Liberty	1,089,400	2,222	2,222	1,089,400	490				2,179	3,376
Limestone	31,116,075	60,932	58,847	30,553,125	519	2,085	562,950	270	62,232	49,790
Live Oak	1,206,600	2,357	2,357	1,206,600	512				2,418	424
Llano	2,141,405	4,143	4,143	2,141,405	517				4,283	2,524
McCulloch	3,836,776	6,348	6,348	3,836,776	526				6,674	3,104
McLennan	43,223,722	93,460	70,246	37,372,373	532	28,214	5,851,349	252	86,447	63,964
Madison	4,209,202	8,247	8,247	4,209,202	510				8,418	11,896
Marion	3,021,482	6,122	6,122	3,021,482	494				6,048	3,880
Mason	3,571,649	6,893	6,893	3,571,649	518				7,143	4,257
Matagorda	268,734	540	540	268,734	498				587	4,375
Medina	6,479,515	12,944	12,344	6,479,515	525				12,959	4,195
Menard	966,778	1,859	1,859	966,778	520				1,934	689

TABLE 6.—QUANTITY OF COTTON GINNED, AND AVERAGE WEIGHT OF BALE (CROP OF 1900): BY STATES AND COUNTIES—Continued.

TEXAS—Continued.

COUNTIES.	Total gross weight in pounds.	Commercial bales.	SQUARE BALES.			ROUND BALES.			Equivalent 500-pound bales.	Equivalent 500-pound bales, 1899.
			Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).	Number.	Total gross weight in pounds.	Average gross weight of bale (pounds).		
Milam	27,934,744	54,109	52,046	27,877,734	526	2,063	557,010	270	55,869	67,753
Mills	4,409,420	8,412	4,409,420	524					8,819	4,879
Mitchell	1,354,775	2,658	2,658	1,354,775	510				2,710	916
Montague	17,244,244	35,798	32,509	16,356,214	508	3,289	888,030	270	34,488	15,064
Montgomery	2,029,400	4,026	4,026	2,029,400	504				4,059	10,272
Morris	8,047,398	16,362	16,362	8,047,398	492					16,095
Nacogdoches	10,998,027	21,898	21,898	10,998,027	502				21,996	19,041
Navarro	44,006,507	91,518	78,889	40,761,565	517	12,629	8,244,942	257	88,013	65,478
Newton	751,666	1,584	1,584	751,666	475				1,503	1,319
Nolan	1,233,440	2,536	2,286	1,185,440	517	300	78,000	260	2,467	1,324
Nueces	975,800	1,941	1,941	975,800	508				1,952	508
Orange	4,745	13	13	4,745	365				9	86
Palo Pinto	5,757,220	12,019	11,119	5,544,820	499	900	212,400	236	11,514	4,928
Panola	8,911,632	17,840	17,829	8,907,892	500	11	3,740	340	17,823	18,927
Parker	18,336,090	36,222	36,222	18,336,090	506				36,672	17,433
Pecos	84,240	162	162	84,240	520				168	73
Polk	3,570,885	7,217	7,217	3,570,885	496				7,142	8,455
Rains	2,953,400	5,930	5,930	2,953,400	498				5,907	5,575
Red River	23,985,015	46,637	46,637	23,985,015	513				47,870	28,584
Reeves	4,000	8	8	4,000	500				8	
Refugio	204,775	402	402	204,775	509				410	402
Robertson	15,424,565	32,776	27,140	13,928,915	513	5,636	1,495,650	265	30,849	32,394
Rockwall	11,101,080	24,302	19,582	9,826,680	502	4,720	1,274,400	270	22,202	12,058
Runnels	4,996,285	9,722	9,722	4,996,285	514				9,993	3,099
Rusk	12,519,188	24,997	24,997	12,519,188	501				25,038	21,291
Sabine	2,893,881	5,814	5,814	2,893,881	498				5,788	4,262
San Augustine	3,813,199	7,695	7,695	3,813,199	496				7,626	6,187
San Jacinto	3,374,459	6,618	6,618	3,374,459	510				6,749	8,826
San Patricio	1,309,670	2,547	2,547	1,309,670	514				2,619	835
San Saba	4,329,030	8,420	8,420	4,329,030	514				8,658	8,320
Scurry	2,467,100	4,610	4,610	2,467,100	535				4,934	936
Shackelford	883,760	1,763	1,763	883,760	507				1,788	807
Shelby	9,105,075	18,510	18,510	9,105,075	492				18,210	14,606
Smith	21,274,592	43,368	43,368	21,274,592	491				42,549	26,888
Somervell	2,388,165	4,687	4,687	2,388,165	510				4,776	1,411
Stephens	2,985,014	5,807	5,807	2,985,014	505				5,870	3,875
Stonewall	816,650	1,606	1,606	816,650	508				1,633	700
Tarrant	15,484,175	33,406	26,711	13,626,525	510	6,695	1,807,650	270	30,868	16,190
Taylor	5,183,757	10,403	10,253	5,147,757	502	150	36,000	240	10,368	6,520
Throckmorton	329,025	615	615	329,025	535				658	352
Titus	7,933,625	15,806	15,806	7,933,625	502				15,867	10,720
Tom Green	164,280	328	328	164,280	501				329	35
Travis	35,949,611	70,089	65,589	34,829,111	581	4,500	1,120,500	249	71,899	60,078
Trinity	4,046,093	7,904	7,904	4,046,093	512				8,092	6,812
Tyler	2,029,669	4,072	4,072	2,029,669	498				4,059	4,581
Upshur	10,697,878	21,343	21,343	10,697,878	501				21,396	18,431
Uvalde	929,740	1,847	1,847	929,740	503				1,860	528
Van Zandt	18,883,579	36,252	36,252	18,883,579	521				37,787	26,428
Victoria	2,773,505	7,809	7,647	1,378,825	521	5,162	1,394,740	270	5,547	11,956
Walker	3,411,554	6,478	6,478	3,411,554	527				6,825	9,714
Waller	1,153,086	2,265	2,265	1,153,086	509				2,306	9,191
Ward	1,856,400	2,759	2,759	1,856,400	492				2,713	928
Washington	11,702,397	23,096	22,020	11,411,877	518	1,076	290,520	270	23,405	48,791
Wharton	1,781,331	4,570	2,209	1,151,811	521	2,361	629,520	270	3,563	27,388
Wichita									313	
Wilbarger	978,000	2,000	2,000	978,000	489				1,956	1,475
Williamson	52,380,681	108,137	91,704	47,985,703	528	16,433	4,444,978	270	104,761	89,237
Wilson	13,277,040	28,361	22,228	11,621,130	518	6,133	1,655,910	270	26,554	8,522
Wise	19,157,417	37,541	37,541	19,157,417	510				38,315	17,556
Wood	12,683,326	25,247	25,247	12,683,326	502				25,367	15,992
Young	3,570,121	7,058	7,058	3,570,121	506				7,140	8,081

UTAH.

The State ¹	15,560								81	
Washington	15,560								81	

¹ No cotton baled.

VIRGINIA.

The State	5,511,040	11,833	11,833	5,511,040	466				11,022	8,622
Brunswick	1,661,570	3,602	3,602	1,661,570	461				3,823	2,951
Greeneville	1,331,650	2,771	2,771	1,331,650	480				2,668	1,831
Mecklenburg	456,060	995	995	456,060	458				912	230
Nansemond	92,300	197	197	92,300	469				185	220
Pittsylvania	1,000	2	2	1,000	500				2	
Prince George	27,000	60	60	27,000	450				54	67
Southampton	1,468,210	3,133	3,133	1,468,210	469				2,986	2,079
Sussex	473,250	1,073	1,073	473,250	441				947	1,244

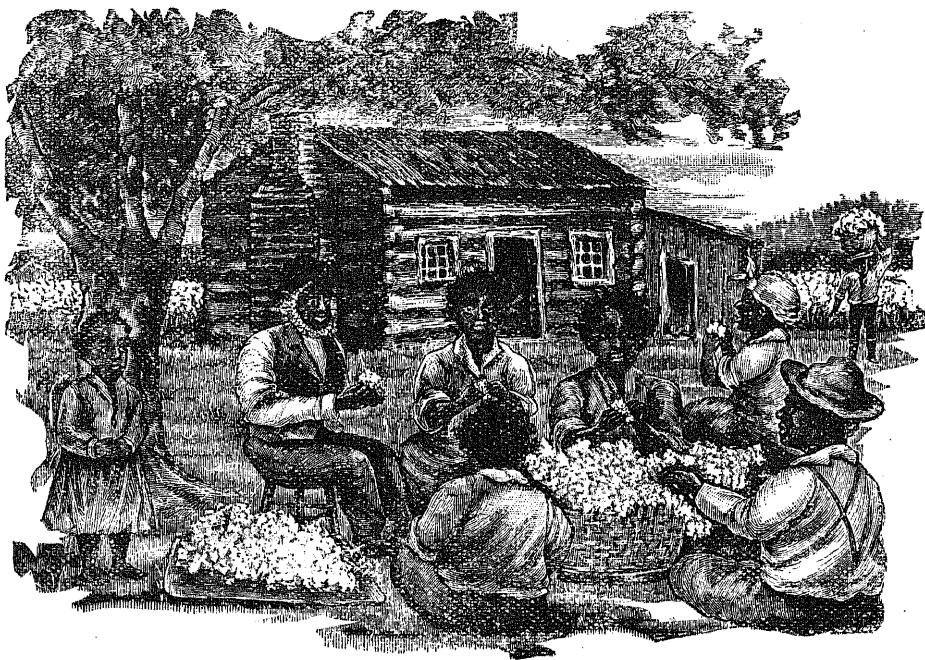


Fig. 1.—SEEDING COTTON BY HAND.¹

HISTORICAL AND DESCRIPTIVE.—Figure 1 is intended to illustrate the primitive manner in which seeds were separated from the cotton prior to the invention of the saw gin. The illustration is not exactly true to life, as very little of this work was done out of doors. The family would more naturally be engaged during the day in gathering cotton from the fields, and employ their evenings and rainy days

seedling cotton around their cabin fireside. This was an exceedingly slow process. A very rapid seeder was able to seed but 4 pounds of lint cotton per week in addition to regular outdoor work. While several machines had been invented for the seeding of cotton, it was reserved for Eli Whitney to inaugurate by his invention the era which was to perfect the industry of "cotton ginning" and revolutionize the culture and commerce of the staple.

¹ The Census Office employs illustrations 1, 2, and 3 by courtesy of the Continental Gin Co., Birmingham, Ala.

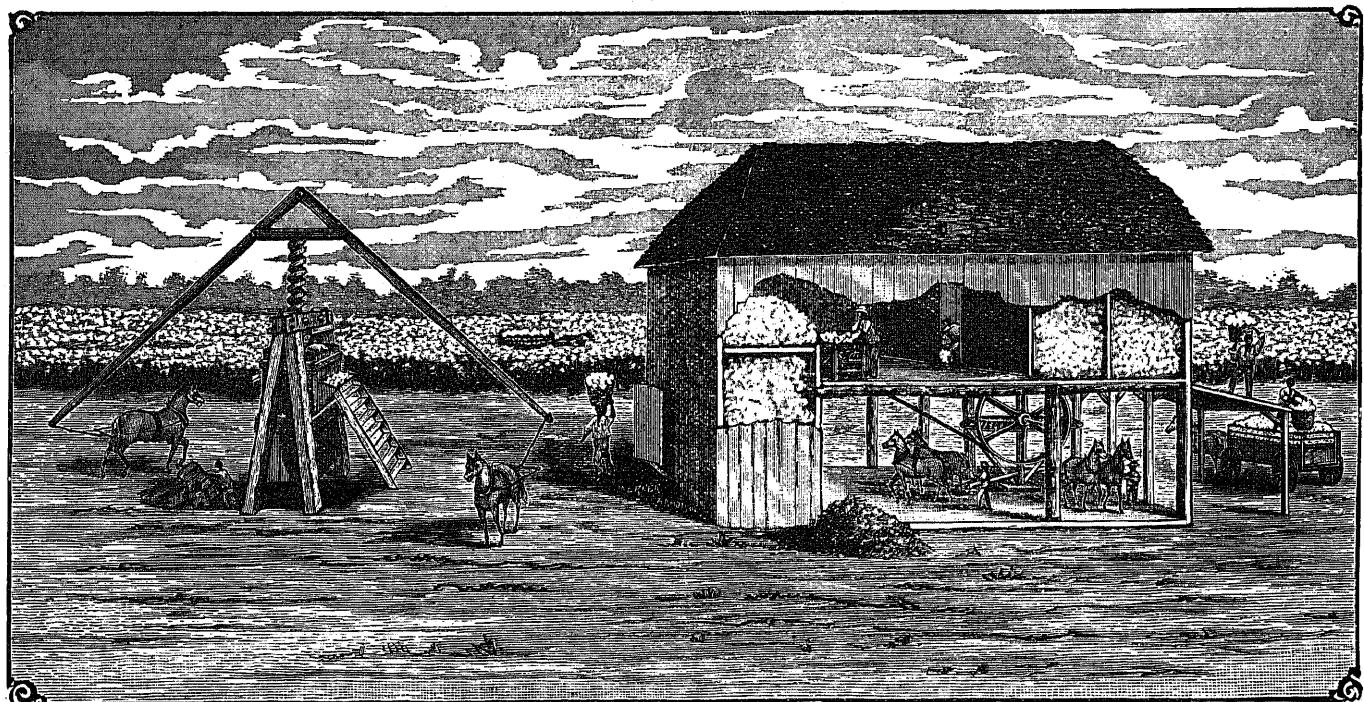


Fig. 2.—OLD-FASHIONED GIN-HOUSE AND SCREW.

Figure 2 shows an old-fashioned cotton ginnery and screw, representing a very substantial advancement, resulting from years of research and progress in handling seed cotton. The motive power consisted of two, four, or more horses. The cotton was hauled in wagons to the gin-house, unloaded by hand into bins, carried again by hand to a platform over the gin-stand, and thence fed by hand into the gin. The seed fell upon the floor in front of the gin and was shoveled out of the building through a chute into a heap on the ground, or into a wagon, and hauled to some remote place to rot, upon the supposition that the seed possessed no value beyond its use for planting. But a few thrifty farmers soon began to use the seed as a fertilizer, and now, with a better appreciation of its value as such, and with the growth of the intensive system of farming, it is universally recognized as one of the finest fertilizers. Through the introduction of the cotton-seed oil mill, a great variety of by-products have been discovered, greatly enhancing the value of the seed without detracting from its qualities as a fertilizer. By the old-

fashioned ginnery and screw, the lint cotton was blown by a brush from the saw gin into a lint room, where it was often allowed to accumulate, awaiting a rainy day or other opportune occasion for baling. It was then conveyed in baskets or sheets to the single press-box of the old "wooden screw," which was located some 30 or 40 feet from the gin-house. There it was dumped into the box and trampled by foot until a sufficient quantity was enclosed to make a bale. By means of a horse at the lever or wing of the press, the hoisted follow-block, upon which the screw was pivoted, was forced down until the desired bale density was attained. Jute bagging was generally used as wrapping, and the shape of the bale was preserved, at first by the use of rope, and later by means of iron bands called ties. A few of these "landmarks" are yet found throughout the country, though they are now curiosities. It is scarcely necessary to say that this old method of handling cotton at the gin was exceedingly laborious, wasteful, and unhealthy, and that nothing but cheap labor and high prices for the staple allowed it to continue as long as it did.

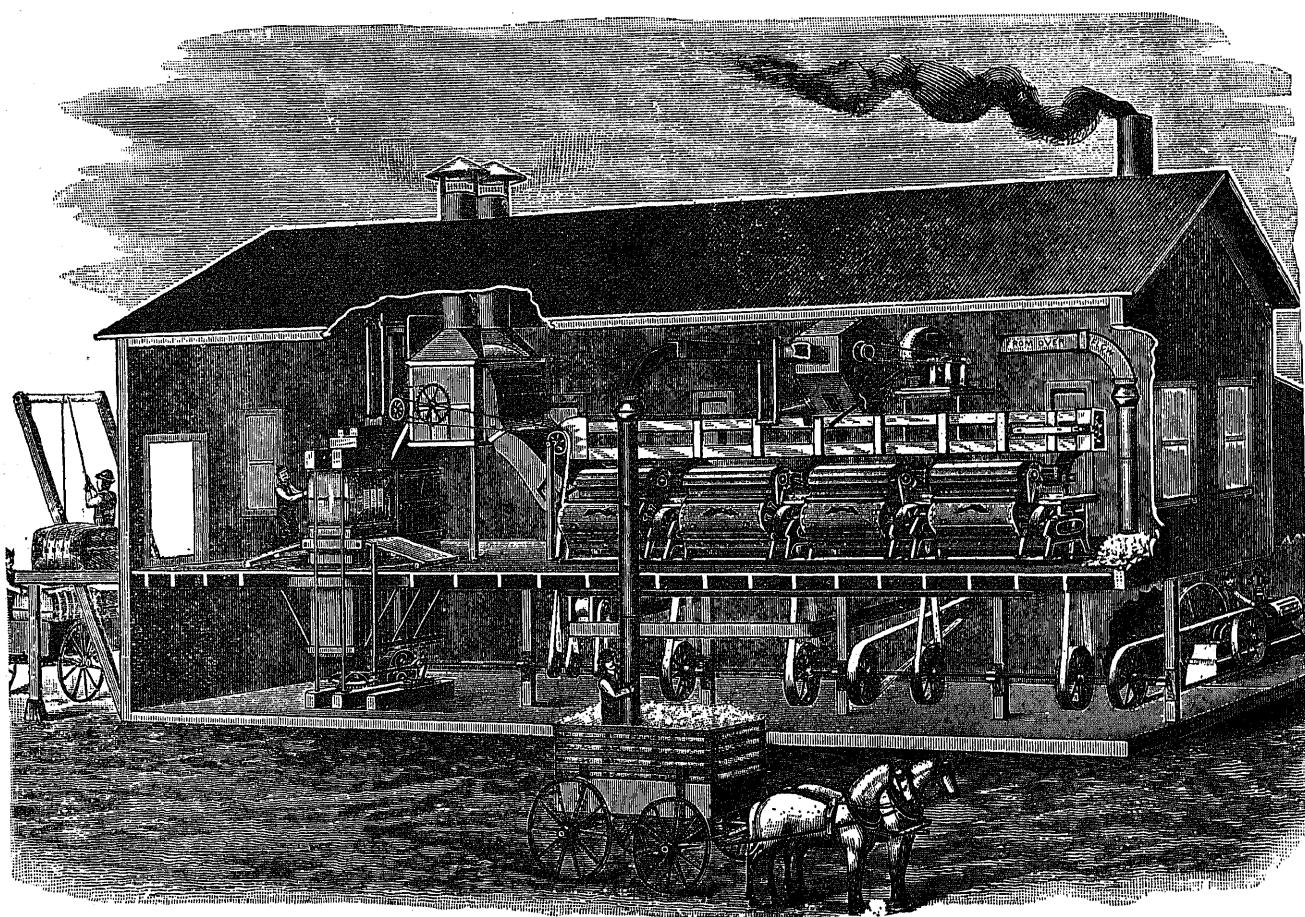


Fig. 3.—A MODERN GINNERY AND DOUBLE PRESS WITH SUCTION FLUE SYSTEM.

Much time, labor, and money have been expended in efforts to combine ginning and baling plants, to the end that greater speed might be gained, labor economized, and other desired reforms attained in handling seed cotton. The outcome is automatic ginneries, practically doing

away with labor, and yielding from five to ten times as much lint cotton per day as was possible by the earlier processes.

Figure 3 illustrates such a ginnery, containing 4 gins and a double square-bale press. To drive 4 gins of 70

saws each, and operate the press and suction apparatus attached, requires an 80-horsepower engine. Such a plant in constant operation will yield from 40 to 60 bales of cotton per day. The wagon, loaded with seed cotton, is driven under the flexible slip of the joint pipe, and the cotton is drawn up by the suction created by an exhaust fan which is connected with the rear of the vacuum separator and cleaner. By this separator and cleaner, the dust, sand, and leaf trash are sifted and drawn through by suction, and, thus, freed from impurities, the cotton is conveyed through a distributor to the automatic gin-feeders. After filling all of the feeders, the surplus cotton falls out at the end of the automatic tube and drops upon the floor or into a bin. When the cotton is all out of the wagon or bin, as the case may be, the ginner, by means of a simple lever, causes the suction to change from the direction of the wagon to that of the overflow, and the overflow cotton is conveyed to the gin-feeders. From all the gins the cotton is conducted by a flue system to a condenser, and fed into one box of the self-packing revolving double press. In this way lint is ginned into one box while the bale is being pressed out of the other. Thus the cotton need not be touched by hand from the time it leaves the wagon or bin until it is delivered, a perfect bale, upon the platform where it is loaded ready for market.

Thus, from the "hand-seeder," yielding about four pounds of lint cotton per week, advance has been made to

the saw gin, which, with a 40-saw capacity and horse-power, yielded about 2,000 pounds per day, and finally to the complete battery ginnery (see illustration), carrying, in some instances, as many as fifteen 70-saw gins, operated by steam and having a possible capacity of 150 bales, or 75,000 pounds, in 12 hours. The condenser and automatic press-feed have superseded the old "wooden screw." The laborious handling of the seed is avoided, it being blown either into a distant seed room, or into the waiting wagon of the owner. In this way the life and value of the seed are preserved in conformity with the requirements of the oil mill. Thus the arduous labor heretofore attached to the cotton ginnery has been wonderfully reduced, and life, limb, and property marvelously protected.

The art of pressing cotton has presented to inventors unusual difficulties. Among the recent and more economic methods of baling cotton is the introduction of a bale of uniform size and weight, and possessing greater density. With many of those who advocate the square bale there is a belief that the density of that package may be so increased as to avoid the present necessity of recompression. Already inventions have been made promising this result, but none have as yet come into general use. The present accepted square bale of commerce is 54 inches in length, varying in breadth from 24 to 27 inches, and pressed down to a thickness of 28 to 30 inches.

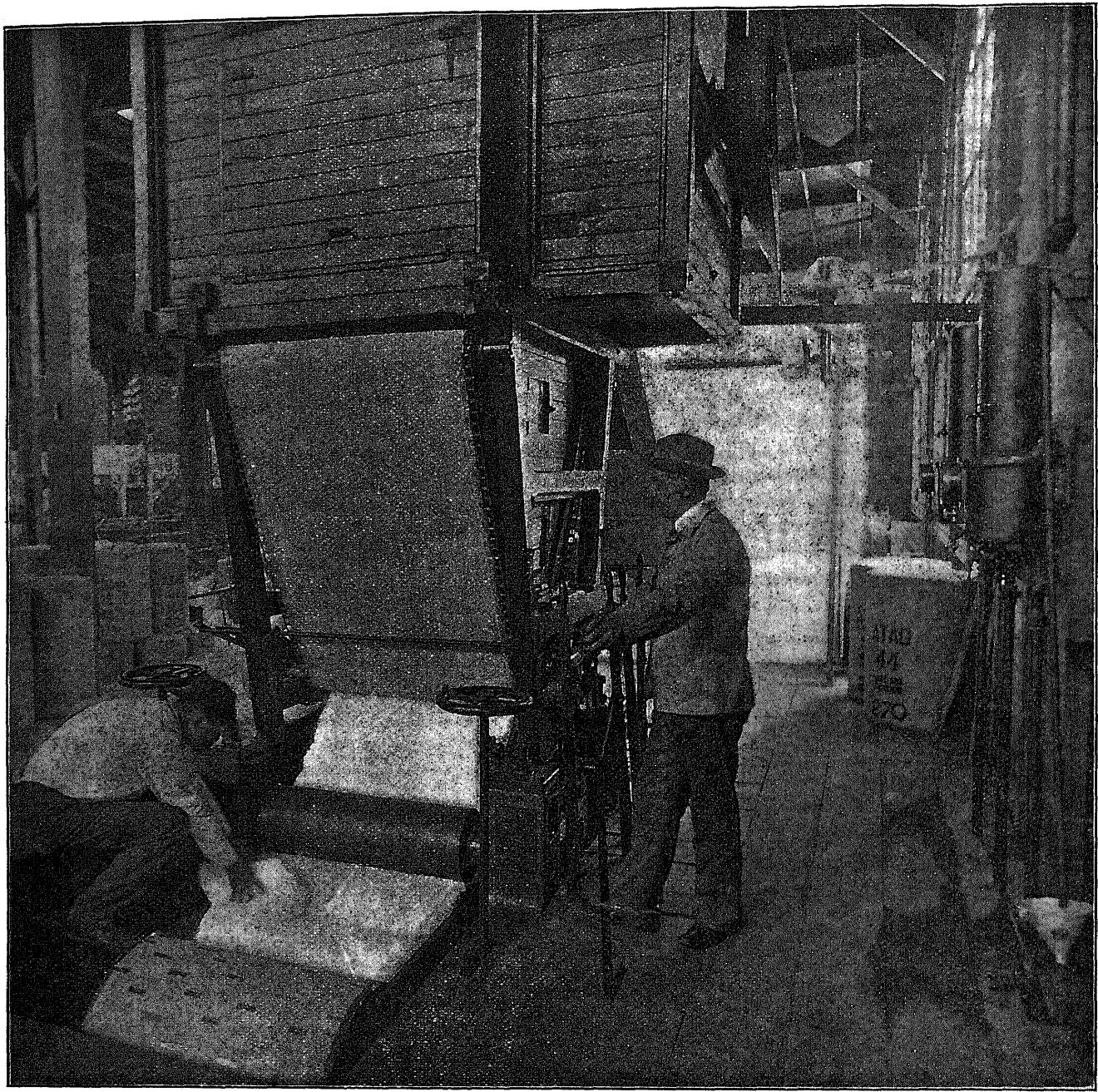


Fig. 4.—BESSONETTE PRESS—CYLINDRICAL LAP BALE.

Out of the efforts to devise superior systems of preparing lint cotton for market have come a great number of inventions for producing packages of various shapes and weights. But of the scores of presses invented during the past five years for baling cotton in cylindrical form, there have been only two put into practical operation. One of these is called the Bessonette, or Round Lap system. By this system, the lint, as it comes from the gin, is blown into a storage reservoir and bat former, where it is converted into an evenly thick, continuous bat, and wound around a cone under a pressure which, light at first, is gradually increased automatically by two rollers operating at opposite sides, until the bale attains its full

density. By this steady exertion of an even pressure gradually applied to all the cotton in detail, bales are produced 22 inches in diameter, and 35 and 48 inches in length, weighing, on an average, 270 and 425 pounds, respectively. The bales require no further compression, as they possess a density of 35 pounds per cubic foot as compared with a density of 22.5 pounds in the old compressed square bale. This package is self-containing, holding its form and density by adhesion of fiber to fiber and layer to layer, thus avoiding the necessity of iron bands to preserve its shape. The first round lap bale press was set up in the United States was in 1894. Its product was much heavier than the present bale, reaching as great a weight as 500

pounds. For the crop of 1896 there were in operation 5 presses of these Bessonette patterns. For the crop of 1900 presses of these round lap bale patterns were in operation

at 262 plants throughout the cotton belt, with an outturn of 494,712 bales.

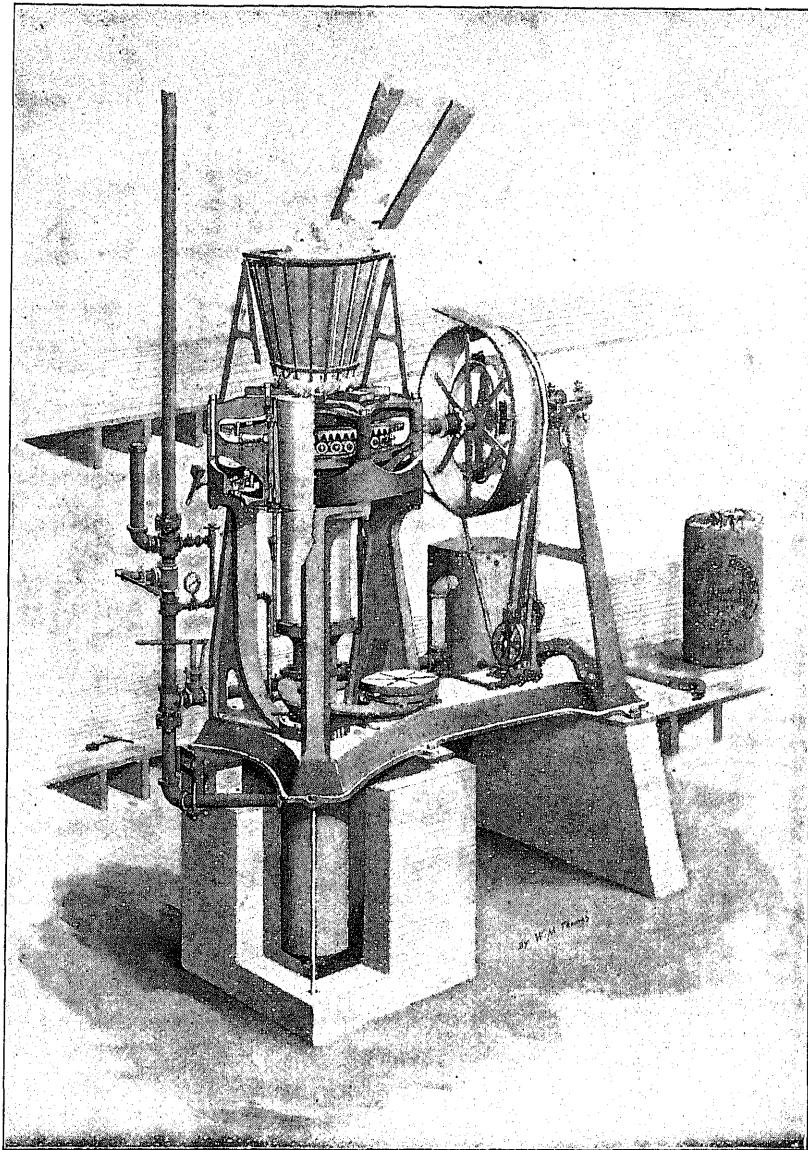


Fig. 5.—THE LOWRY PRESS—END-PACKED CYLINDRICAL BALE.

Figure 5 illustrates the other round bale press which has come into practical use. It is known as the Lowry system, and consists in feeding the lint cotton loose from the gin into a tube surrounded by a cap plate with a number of slots therein radiating from the center to the circumference. The bale is first started in the tube by packing cotton therein by hand. When this is done, and a relative revolution of the cap plate and tube established, the loose cotton thrown on top comes in contact with that inside the tube and is drawn in through the slots, and the bale is thus built up endwise. In the Bessonette system, pressure is applied from end to end of the bale at two points along the outside circumference, while in the Lowry system pressure is applied only to the end of the bale. The bale turned out by the Lowry press in its earlier history, like that of the Bessonette press, reached a weight of 500 pounds, but with this press also there has been a

gradual tendency toward the lighter-weight package, until at this time the average weight of the bale of its new pattern is but 250 pounds. The bale is of uniform size, 18 inches in diameter and 36 inches in length, and possesses a density of about 45 pounds per cubic foot, against 22.5 pounds attained in the compressed square bale.

It is interesting to note that this press is being advantageously employed for baling hay and other fibrous commodities. There have also been other more or less successful experiments in ginning cotton with the device, converting the press into a roller gin. Its successful cotton-packing history may be said to be confined to the past two seasons.

There were 122 Lowry presses of the old and new patterns operated throughout the country for the crop of 1900, yielding 273,380 bales.